Terminal blocks
Klippon® Connect

Version 2023

Weidmüller

Orange Selection
Quick and easy planning

As a planning engineer, do you want to select products easily and receive them quickly? From a partner you can rely on? Then plan with the Orange Selection from Weidmüller in the future. The Orange Selection items are always available, carefully selected and the portfolio consists of more than 1,500 items to fully cover your standard needs.

If your order is placed before 3:00 pm, we guarantee that your order will be on its way the very next working day.

For even more efficient planning and production processes, we will of course provide all articles in digital form. CAD, ETIM and eClass data are available in our online product catalogue **catalog.weidmueller.com**

We have summarised all the advantages of the Orange Selection on our website.

Check it out: **www.weidmueller.com/orange-selection**

Terminal blocks
Catalogue 1

Terminal blocks

Universal range

- Spring connection with SNAP IN technology (S-Series)
- Spring connection with PUSH IN technology (A-Series)
- Spring connection with tension clamp technology (Z-Series)
- Screw connection with clamping yoke technology (W-Series)
- Screw connection with stud technology

Application range

- Power feed-in
- Power distribution
- Control voltage distribution
- Instrument transformer wiring
- Signal wiring
- Signal marshalling
- Shielding and earthing
- Building installation wiring

Installation

Appendix

Service and support

Index — Index Type / Order No.
Addresses worldwide

Extra efficiency in planning, installation and operation

Klippon® Connect provides you with added value at all stages

Panels are key elements of many industrial applications. They transmit signals, control data and distribute power – sometimes under the most adverse of conditions, such as vibrations, dust, cold or extreme heat. What is more, they have to be individually designed and built to suit the requirements and the industries they will be used in. All of the steps in the panel building process are key to increasing efficiency in the long term and exploiting potential for optimisation.

As your partner in Industrial Connectivity, we consider panel building to be an integrated process – from planning through installation to operation. The result is solutions that support products and processes to offer you added value at all stages. Klippon® Connect, our terminal block range, is the best example of this, given that it is another pioneering solution in the field of industrial connectivity.

Our promise

With Klippon® Connect, you benefit from productivity gains throughout the entire panel building process. These include time-saving planning and project planning, faultless wiring and faster marking operations, for example.

Achieving greater productivity one step at a time

Every panel building process starts at the planning stage. It is here that the foundations for optimum set-up are laid. Once there is a plan in place, preparatory work and installation can start. The panel components are marked, wired and checked. The fully installed panel can then be put into operation. To ensure that you achieve the greatest possible level of efficiency in this process, we have continuously examined the optimisation potential of the individual phases of planning, installation and operation and how they interlink with one another. The result is innovative products and services that support you at all the stages of the panel building process.

Up to 75 percent engineering

- Faster planning with the Weidmüller Configurator
- Error-free configuration through compatibility checks on products and accessories
- High level of transparency throughout the entire process thanks to linked data models
- Easy creation of product documentation

High wiring density with maximum ease of installation

- Noticeably faster wiring with PUSH IN technology
- All product functions can be clearly distinguished
- Flexible potential distribution thanks to various cross-connection options
- Faster marking thanks to endless marker strip and large marking surfaces

Higher availability during operation in the long term

- Simpler testing procedure thanks to integrated test point
- Hot rewiring possible without special tools thanks to PUSH IN technology with pushers
- Gas-tight and vibration-resistant connections for interference-free operation
- Flexible, simple modification and extension

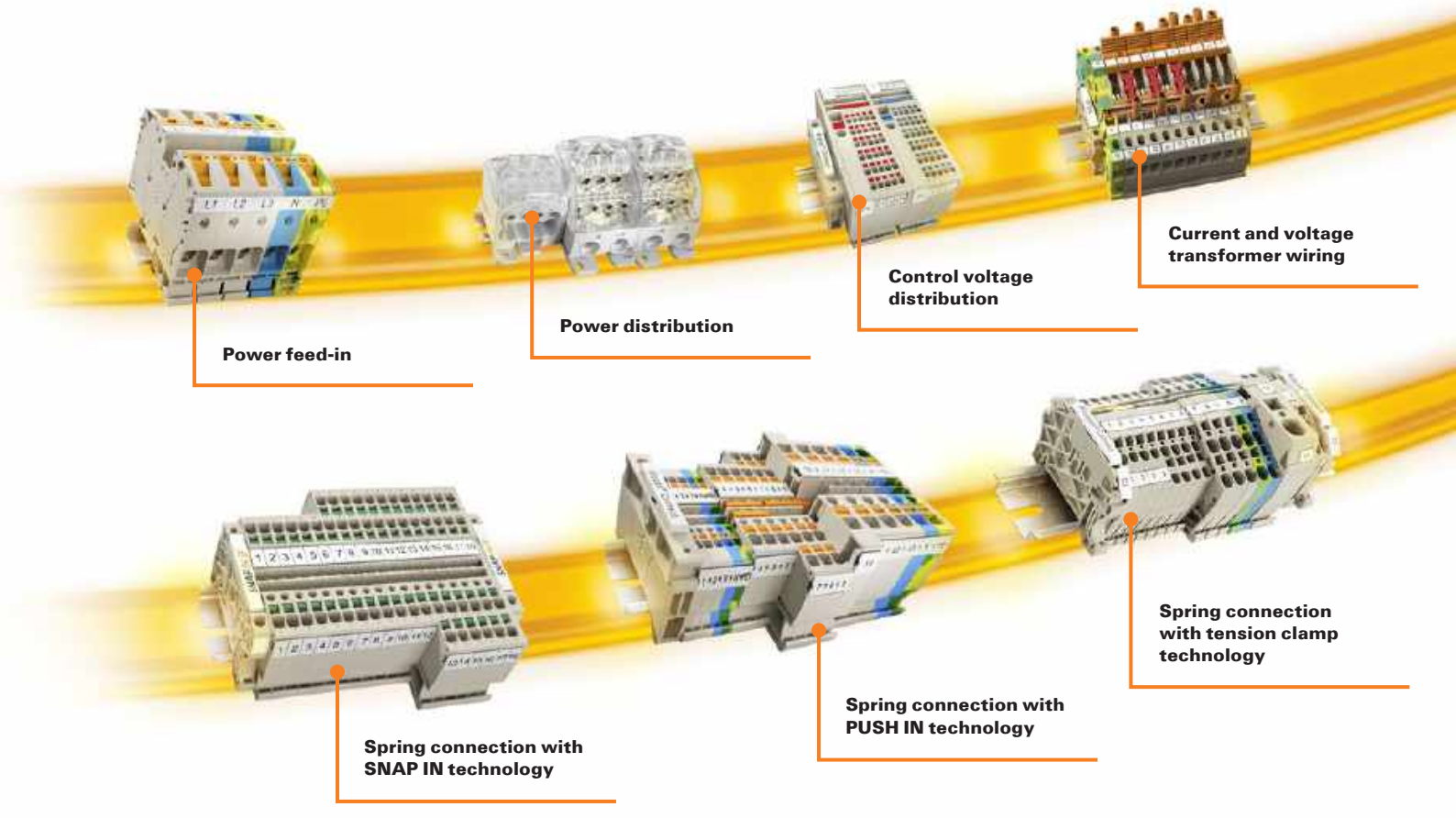
Solutions for more productivity

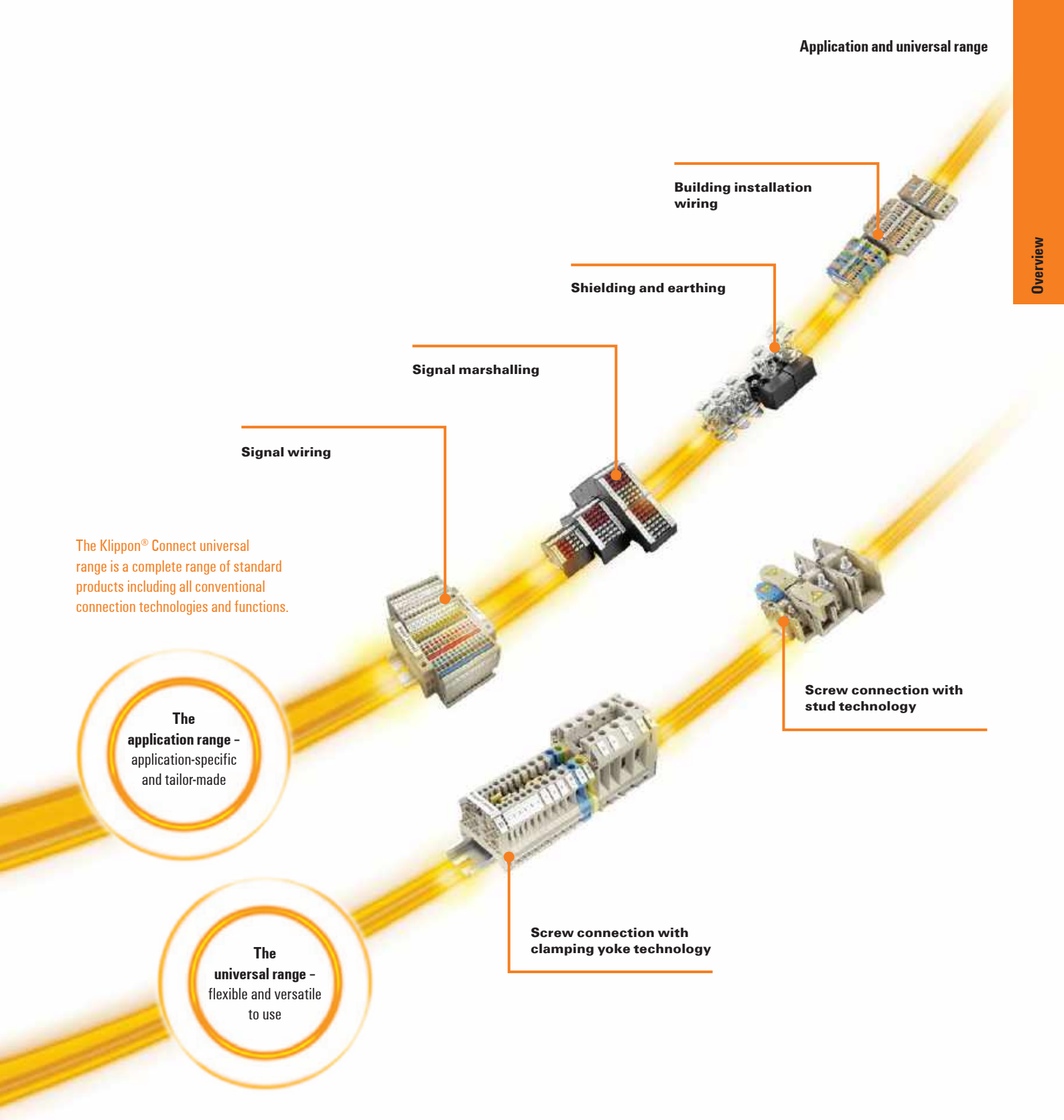
Extremely flexible process design – with Klippon® Connect

Whether it is simple handling, more space in the panel or time saving on installation: Klippon® Connect offers numerous benefits for your process. In line with our range of terminal blocks, we can offer you an application range and a universal range. The particular requirements determine which is the most suitable.

Often, standardisation enables the right solution to be found with our sophisticated, function-oriented universal range. It provides you with practical product features. For recurring application fields, such as control voltage distribution or signal wiring, we offer you the ideal solutions with our application range. Thanks to the high level of application focus, these solutions really do help increase productivity, efficiency and safety. And when tailored configuration is required, our customer-specific assembly service is available.

Our promise
With Klippon® Connect, we offer a comprehensive range of terminal blocks for high levels of productivity in your panel applications.





The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

The application range – application-specific and tailor-made

The universal range – flexible and versatile to use

The Klippon® Connect universal range is a complete range of standard products including all conventional connection technologies and functions.

From intelligent item data to the finished panel

Weidmüller Configurator: simpler configuration and ordering

Digital information is becoming increasingly important during product development. Starting with the product selection, configuration and creation of a virtual prototype through to the automated production and installation, end-to-end available data models are a cornerstone of digital production. This requires standardised product data and interfaces between the energy tools networked together and integration into the corporate IT environment. The "Weidmüller Configurator" software forms the ideal basis for end-to-end transparent panel planning.

Our promise

The Weidmüller Configurator speeds up panel planning by up to 70 percent, thus increasing productivity. You can benefit from high levels of data transparency and availability throughout the entire engineering process.

Integrated digital planning – quick and simple

Provision of intelligent item data

The product data from the software provide comprehensive support in configuration and can be fully integrated into all conventional engineering tools. The complete data transparency and availability across all process phases are a basic prerequisite for the implementation of Industry 4.0 in future panel building.

Simple and secure labelling

The Weidmüller Configurator enables virtually labelling of your whole project. Thanks to direct interfaces to CAD programs and the M-Print® PRO labelling software, you can plan and label your components in a single step.

Always the right configuration

The automatic filter function provides active assistance in putting together terminal blocks by preventing and automatically correcting incorrect assemblies. You can only add selected fitting accessories to your current configuration. This makes planning easier and saves a huge amount of time. At the same time, you can benefit from seamless documentation of your assembled terminal rails.

Fast and simple product enquiry

Once you have found your perfect combination, you can enquire about the components directly from the software – either as individual components or as a pre-assembled complete solution on a DIN rail which then only needs to be fitted to the mounting plate.

WMC

Get started online now!
The Weidmüller Configurator makes configuration easy. Visit our website and make the most of the wide range of benefits for your engineering process.

Full information on the software can be found here:
www.weidmueller.com/wmc

Tailor-made terminal strips

Flexibly designed to suit your requirements

Your processes in panel building have to be fast, flexible and productive. This is the only way you can cut your costs and increase efficiency. Depending on the application in question, you will have different requirements with respect to the engineering service, delivery speed and flexibility to be provided.

From ready-specified strips that are immediately available from stock, through simple configurations with a short delivery time, to complex solutions with a high engineering requirement, we can respond flexibly to your needs. Simply talk to our sales staff, so that, together, we can head off in the right direction for your project.

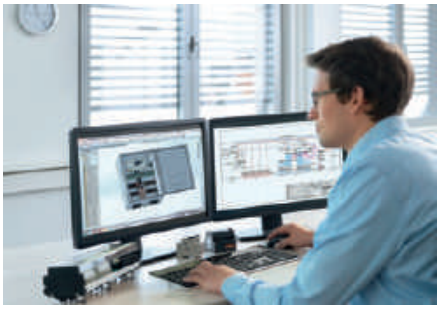
Our promise

We believe that custom work is the perfect interaction between the product and the service. Both of these elements combine to form a single unit that guarantees the very best quality and thus satisfied customers, even when it comes to the terminal strips.

Working towards a customer-specific solution

1.

Defining the task
We support you right from the start:
- Actual analysis
- Project definition



2.

Advice
Individually to suit your needs:
- Over the phone and on site
- Application-specific product selection
- In-depth dialogue

Product and service – perfectly coordinated to one another
However your product is designed, at the end of the day you can rest assured that you are using the best solution. Simply tell us what you would like, and we will make it happen:

- Selection of materials for the terminal rails: steel, stainless steel, aluminium or plastic
- Machining the terminal rail: cutting, punching and attaching a wide range of different mounting aids
- Assembling the terminal strips with snap-on components (terminal blocks and electronic products, as well as additional products from other manufacturers as required)
- Establishing cross-connections
- Fitting standard conductors
- Marking terminals, devices, conductors and cables

Your turnkey customised solution

3.

Application-specific development
The foundation for your success:
- Joint solution development
- Bespoke configuration
- Sample production

4.

Production, logistics, documentation
Everything from a single source:
- Production technology
- Inventory management
- Comprehensive documentation as per the customer's requirements

Service connects
You will find information about other services from Weidmüller at:
www.weidmueller.com/service

Klippon® Services – focus on your core business

„Fast Delivery Service“ enables the delivery of assembled products at short notice, even with Ex approval

Today you are confronted with tough challenges in mechanical and plant engineering as well as in control cabinet production. On the one hand, the production of your products is becoming increasingly made to order/ custombuilt and a lot more complex. On the other hand, you have to deal with high price pressures, tight deadlines and short-term change requests. In addition, many products are requested in small quantities.

To meet these growing demands, you need ever more efficient planning and manufacturing processes - and you need to be able to rely on 100% fast and reliable delivery. With our Fast Delivery Service, we offer you both. The integrated concept simplifies your planning, accelerates your manufacturing processes and guarantees the delivery of individually assembled and ready-to-install terminal strips or enclosures within the shortest possible time. In this way, you reduce your costs, increase your flexibility and stay one step ahead of your competitors.

Klippon® Connect and Klippon® Protect
Assembled enclosures with terminal strip, add-on components and optional Ex approval.

Klippon® Protect
Individual empty enclosures with holes, threads or cut-outs according to your specifications – optionally unassembled, equipped or with add-on parts.

WMC – Digital Engineering
Our Weidmüller Configurator (WMC) gives you access to the "Fast Delivery Service". You can import directly your CAE data.

Klippon® Connect
Ready-to-install assembled terminal strips including electronic components - individually manufactured according to your specifications.

Determine your own delivery time thanks to Fast Delivery Service

We offer the choice between 3 service levels

Your assembled product

Simply configure your assembled terminal strip, your empty enclosure or your assembled enclosure with our **Weidmüller Configurator.**

Fast Delivery

The ideal solution for very demanding delivery schedules

Ready for shipment after 4 working days

- **5* Day Delivery europe-wide**
- Selected product range

Ready for shipment after 9 working days

- **10* Day Delivery europe-wide**
- Wide range of products

Shipping time depends on the destination region

* Valid for orders from Germany

Fast Offer

Fast price for full bandwidth

- Individual configuration
- Direct offer

Added value

Offer provided in minutes

Available 24/7, including order numbers for direct ordering

Assembly in quantities of 1

Ready-to-install assembly that meets your individual specifications

Reliable delivery

Automated manufacturing and direct shipment from Germany

Your advantages at a glance

with our Fast Delivery Service

Reduce your costs

Your plants are becoming more and more specific and complex. Therefore, you have to stock many required components in your warehouse. With Fast Delivery, you receive complete assembled products – and can significantly minimise your purchasing and storage costs.

Increase your flexibility

More and more often you have to manufacture small quantities of plants and be prepared for shortterm changes. With Fast Delivery, you get individual terminal strips and enclosures from batch size 1 – and you receive them ready for installation. This increases your flexibility.

Meet your delivery commitments

You must complete and deliver your individual plants within tight time frames. Otherwise, your customers face high costs due to delays and production downtimes. With Fast Delivery, you can speed up all your processes and reliably meet your delivery commitments.

Universal range

Universal range

Connection technologies A.2

Spring connection with SNAP IN technology (S-Series) A.4

Feed-through terminal blocks A.6
PE terminal blocks A.10

Spring connection with PUSH IN technology (A-Series) A.14

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Fuse terminal blocks A.60
Test-disconnect terminal blocks A.66
Pluggable terminal blocks A.72
Terminal blocks with electronic components A.90
Terminal blocks with integrated markers A.96
Accessories A.104

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Fuse terminal blocks A.177
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Terminal blocks with electronic components A.216
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Feed-through terminal blocks – SRL A.360
Feed-through terminal blocks – WF and WFF A.364
Feed-through terminal blocks – ST4000 A.380
Feed-through terminal blocks – HV 2700 and HV 4000 A.384

Application-oriented wiring

Klippon® Connect always offers the right connection technology

Spring connection with SNAP IN technology

The innovative SNAP IN technology revolutionizes control cabinet construction. The direct connection of flexible conductors without ferrules reduces conductor preparation and wiring.

Connection principle:
- Significant acceleration of installation and maintenance processes in the field.
- Tool-free, material- and time-saving, as crimping on wire-end ferrules is no
- longer necessary. Simply insert the flexible or stranded conductor into the open
- connection point until it „clicks“. Secure connection that reliably withstands even
- strong shocks and vibrations.

Clamped copper conductors:
- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.5 mm² to 4 mm²

Spring connection with PUSH IN technology

The innovative PUSH IN connection technology reduces the amount of time you spend on wiring to a minimum. The direct plug-in technology guarantees high conductor pull-out forces and simple handling for all conductor types.

Connection principle:
- With the PUSH IN connection technology, the force on the conductor is generated by
- a pressure spring made of highquality, acid-resistant stainless steel. The spring sits in
- a cage and is automatically opened upon connection. The proven Weidmüller system,
- which separates the mechanical and the electrical function, ensures both high rated
- data and high conductor pull-out forces.

Clamped copper conductors:
- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.14 mm² to 185 mm²

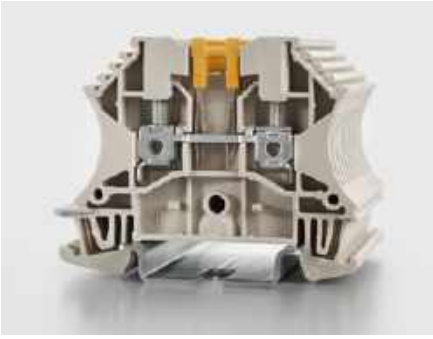
Spring connection with tension clamp technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

Connection principle:
- The tension clamp system works in a similar way to the proven clamping yoke.
- The tension clamp made of highquality, acid-resistant stainless steel pulls the
- conductor against the galvanised copper current bar. The surfacetreated current bar
- permanently provides a low level of contact resistance and a high level of corrosion
- resistance.

Clamped copper conductors:
- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.05 mm² to 35 mm²



Screw connection with clamping yoke technology

The patented Weidmüller clamping yoke system sets standards. The fact that it is simple to handle makes clamping yoke technology the universal screwed connection solution for all conductor types.

Connection principle:
- The clamping yoke system combines the specific properties of steel and copper.
- While the clamping yoke and clamping screw are made of hardened steel, the
- current is made of copper or high-quality copper alloy. The clamping yoke pulls the
- conductor to be connected against the current bar. Our clamping yoke system is
- maintenance-free and guarantees vibration-resistant connections.

Clamped copper conductors:
- solid
- stranded
- finely stranded
- finely stranded with ferrule with plastic collar
- finely stranded with ferrule without plastic collar
- finely stranded twin ferrule with plastic collar

Connection sizes:
0.13 mm² to 300 mm²

Screw connection with stud technology

With stud technology, you are relying on an affordable and, at the same time, a safe and robust connection solution for applications in particularly harsh conditions.

Connection principle:
- Cable lugs crimped onto the ends of the conductor ensure a secure connection.
- The cable lugs are put on between the washer on the clamp support and the
- thrust washer on the stud. The reverse sides of the cable lugs are positioned
- against one other. Tightening the hexagon nut causes the cable lug flaps to press
- against one another – thereby creating a secure contact.

Clamped copper conductors:
- According to DIN 46 234
- According to DIN 46 235

Connection sizes:
1.5 mm² to 300 mm²

As fast as a SNAP of your fingers

Klippon® Connect accelerates your wiring with innovative SNAP IN technology

Time is money. For this reason, installation work in control cabinet construction must be carried out ever faster, preferably automated. At the same time, the connections should be permanently reliable, safe, and easy to maintain. The new Klippon® Connect terminal blocks with Weidmüller's revolutionary SNAP IN technology meet all these requirements - and are extremely easy to use: stripped fine-stranded conductors just need to be inserted into the connection point, and the connection point snaps shut with a clearly audible click. The conductor is permanently and reliably contacted. To release the connection, press the green pusher. It couldn't be faster or easier.

GERMAN INNOVATION AWARD '22 WINNER

Our promise

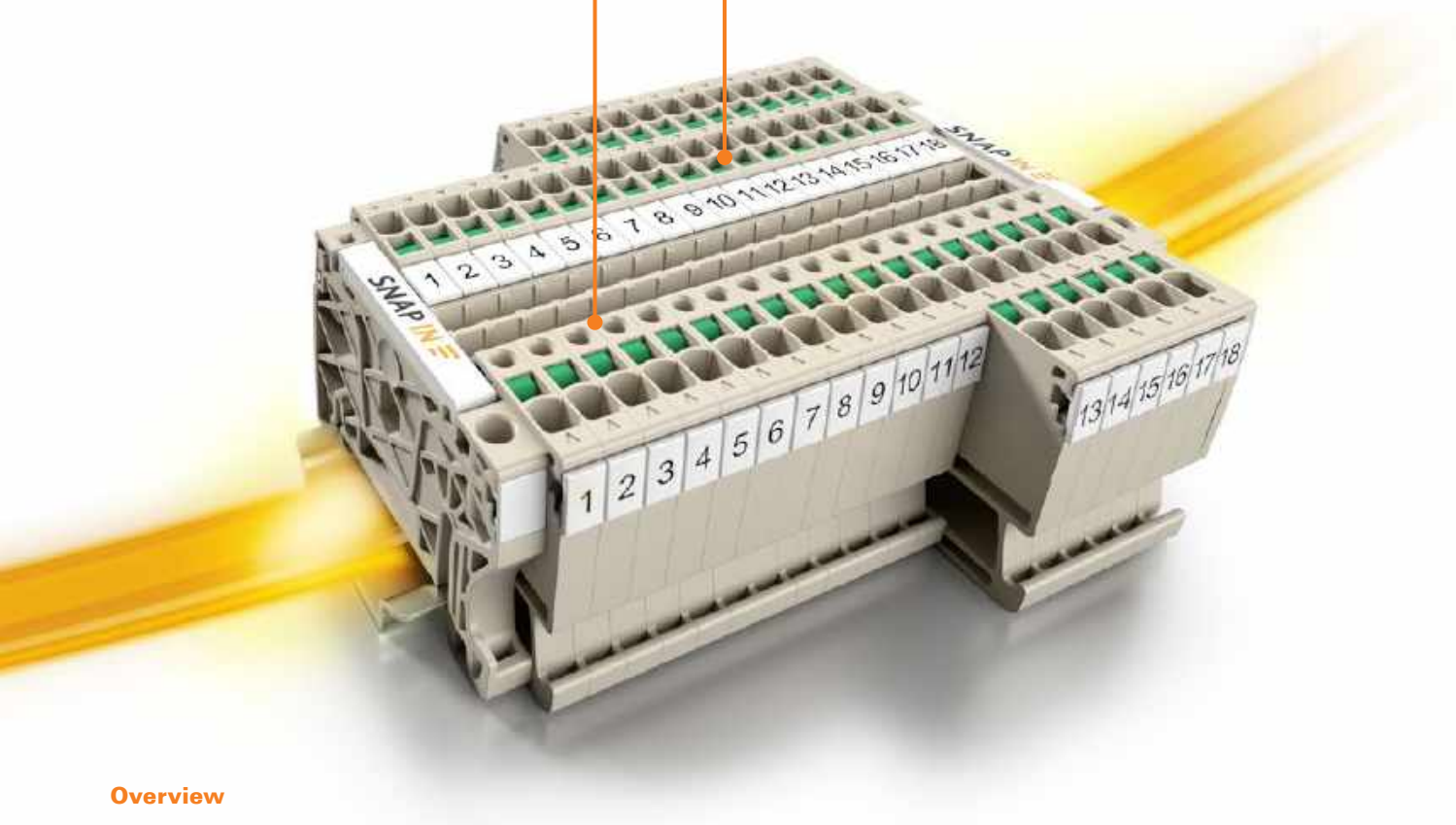
Klippon® Connect terminal blocks with SNAP IN technology revolutionize control cabinet wiring through their intuitive and simple handling. The reduction in cable preparation accelerates your wiring times and leads to a more efficient installation process.

Safety

- Audible click signals correct connection
- Standardised test point
- High contact reliability with lowest mating forces
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

Flexibility
- Ideal for the connection of flexible and fine-stranded conductors with and without ferrule
- Release the conductor with any tool
- Large marking surfaces make maintenance
- Compatible with accessories of the Klippon® Connect A series

Time saving
- Intuitive and simple handling of SNAP IN technology
- Low mating forces due to simple insertion of the stripped conduc tor
- Quick and easy connection even without ferrule
- Clear distinction made between all functional areas



Overview

Thanks to the extensive choice of accessories and the different cross-connection options, our SNAP IN terminal blocks are the perfect solution for every requirement.

Compatibility with the A-series:
A terminal rail with the combination of both product families can be realized without any problems. Additional storage costs can be avoided thanks to the uniform accessories.

Everything with only one hand:
The pretensioned clamping point enables the conductor to be contacted quickly with low insertion forces. The SNAP IN technology supports both work with and without ferrules.

Ready for automation:
A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

	S2C 2.5	S3C 2.5
	2.5 mm²	2.5 mm²
	SNAP IN	SNAP IN
Width/Height/Depth mm	5.1 x 59 x 38	5.1 x 71.5 x 38
max. current / max. cond. cross-section A/mm²	24 / 2.5	24 / 2.5
Max. clamping range mm²	0.5...2.5	0.5...2.5

Technical data

	S2C 2.5	S3C 2.5
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7
800	600	600	
24	15	15	
2.5	AWG 20...14	AWG 20...14	
	8 kV / 3		
	A2 / V-0		

	S2C 2.5	S3C 2.5
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	S2C 2.5	100	2674530000
Blue	S2C 2.5 BL	100	2753940000
Orange	S2C 2.5 OR	100	2875120000

Version	Type	Qty.	Order No.
dark beige	S3C 2.5	100	2674540000
Blue	S3C 2.5 BL	100	2753950000
Orange	S3C 2.5 OR	100	2875130000

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
Vertical jumpers				
1-pole				
End plate				
dark beige	SEP 2C 2.5		20	2751080000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
Vertical jumpers				
1-pole				
End plate				
dark beige	SEP 3C 2.5		20	2751090000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

S4C 2.5 — 2.5 mm²

SNAP IN

5.1 x 84 x 38
24 / 2.5
0.5...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	15	15	
2.5	AWG 20...14	AWG 20...14	
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 2.5	100	2674550000
S4C 2.5 BL	100	2753960000
S4C 2.5 OR	100	2875140000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 4C 2.5		20	2751100000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

S2C 4 — 4 mm²

SNAP IN

Q3 2023

6.1 x 62 x 41.5
32 / 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2C 4	100	2874820000
S2C 4 BL	100	2874830000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
SEP 2C 4			2874790000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

S3C 4 — 4 mm²

SNAP IN

Q3 2023

6.1 x 78 x 41.5
32 / 4
0.5...4

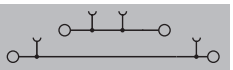
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S3C 4	50	2874840000
S3C 4 BL	50	2874850000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
SEP 3C 4			2874800000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	S4C 4	S2T 2.5
	4 mm²	2.5 mm²
	SNAP IN, 03 2023	SNAP IN, 03 2023
Width/Height/Depth mm	6.1 x 94 x 41.5	5.1 x 90 x 50.5
max. current / max. cond. cross-section A/mm²	**32 / 4**	**24 / 2.5**
Max. clamping range mm²	**0.5...4**	**0.5...2.5**
		

Technical data

Rated data	S4C 4	S2T 2.5
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	800	800
for wire cross-section mm²	32	24
	4	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A2 / V-0
Approvals	IEC, UL, CSA, EN 60079-7	IEC, UL, CSA, EN 60079-7
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	S4C 4	50	**2874860000**	S2T 2.5	50	**2902380000**
Blue	S4C 4 BL	50	**2874870000**	S2T 2.5 BL	50	**2902390000**
Orange				S2T 2.5 OR	50	**2902400000**
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole					ZQV 2.5N/2	24 A	60	**1527540000**
10-pole					ZQV 2.5N/10	24 A	20	**1527690000**
2-pole	ZQV 4N/2	32 A	60	**1527930000**				
10-pole	ZQV 4N/10	32 A	20	**1528090000**				
Vertical jumpers								
1-pole					ZVQ 2.5/1.5	24 A	50	**1720700000**
End plate								
dark beige	SEP 4C 4			**2874810000**	SEP 2T 2.5			**2902630000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 4 MI-R	0.2 A	50	**1991860000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole					ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole					ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	WS 10/6 M PLUS MC NE WS		600	**2003780000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/6 MM WS		600	**2007160000**	WS 8/5 MM WS		800	**2007150000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**
					SNAPMARK I		50	**1805880000**

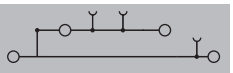
For detailed information on other accessories and application in the online catalogue

S2T 2.5 VL — 2.5 mm²

SNAP IN

Q3 2023

5.1 x 90 x 50.5
24 / 2.5
0.5...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 VL	50	2902430000
S2T 2.5 VL BL	50	2902440000
S2T 2.5 VL OR	50	2902450000

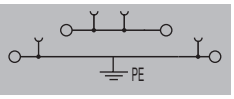
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 2T 2.5			2902630000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

S2T 2.5 FT-PE — 2.5 mm²

SNAP IN

Q3 2023

5.1 x 90 x 50.5
24 / 2.5
0.5...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 FT-PE	50	2902410000

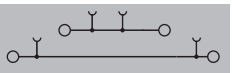
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
SEP 2T 2.5			2902630000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

S2T 2.5 N-FT — 2.5 mm²

SNAP IN

Q3 2023

5.1 x 90 x 50.5
24 / 2.5
0.5...2.5



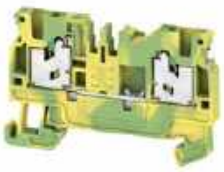
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 N-FT	50	2902420000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZVQ 2.5/1.5	24 A	50	1720700000
SEP 2T 2.5			2902630000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

		S2C 2.5 PE	2.5 mm²	S3C 2.5 PE	2.5 mm²
		SNAP IN		SNAP IN	
					
Width/Height/Depth	mm	5.1 x 59 x 38		5.1 x 71.5 x 38	
max. current / max. cond. cross-section	-/mm²	/ 2.5		/ 2.5	
Max. clamping range	mm²	0.5...2.5		0.5...2.5	

Technical data

		S2C 2.5 PE	S3C 2.5 PE
Rated data			
for wire cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V/-	IEC 2.5 / UL AWG 20...14 / CSA / EN 60079-7	IEC 2.5 / UL AWG 20...14 / CSA / EN 60079-7
Rated impulse withstand voltage to adjacent terminal	-	800 /	800 /
Rated short-time current			
Pollution severity		300 A (2.5 mm²)	300 A (2.5 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating		3	3
Approvals		A2 / V-0	A2 / V-0
		CE SEV cULus KTA	CE SEV cULus KTA
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

		S2C 2.5 PE			S3C 2.5 PE		
Version		**Type**		**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	Green/yellow	S2C 2.5 PE		50	**2674560000**	S3C 2.5 PE	50	**2674570000**
Note								

Accessories

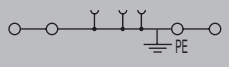
		S2C 2.5 PE				S3C 2.5 PE			
End plate		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	dark beige	SEP 2C 2.5		20	**2751080000**	SEP 3C 2.5		20	**2751090000**
End bracket									
	dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter									
	1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
	3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**	ATPG 2.5/3	0.2 A	25	**2041190000**
	5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug									
		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver									
	Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags									
		DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
		WS 10/5 M PLUS MC NE WS		600	**2003770000**	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

S4C 2.5 PE — 2.5 mm²

SNAP IN

5.1 x 84 x 38
/ 2.5
0.5...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5		AWG 20...14	
800 /			
300 A (2.5 mm²)			
3			
A2 / V-0			

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 2.5 PE	50	2674580000

Type		Qty.	Order No.
SEP 4C 2.5		20	2751100000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

S2C 4 PE — 4 mm²

SNAP IN

Q3 2023

6.1 x 62 x 41.5
/ 4
0.5...4

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			
800 /			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2C 4 PE	50	2874880000

Type		Qty.	Order No.
SEP 2C 4			2874790000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

S3C 4 PE — 4 mm²

SNAP IN

Q3 2023

6.1 x 78 x 41.5
/ 4
0.5...4

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			
800 /			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

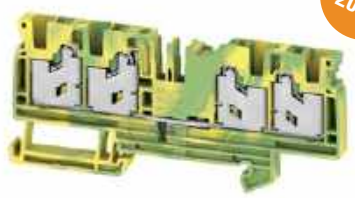
Type	Qty.	Order No.
S3C 4 PE	50	2874890000

Type		Qty.	Order No.
SEP 3C 4			2874800000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

S4C 4 PE — 4 mm²

SNAP IN

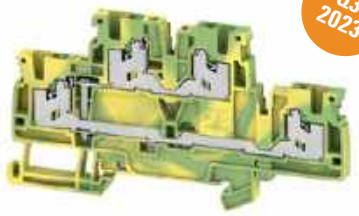
Q3 2023



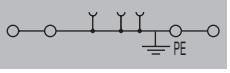
S2T 2.5 PE — 2.5 mm²

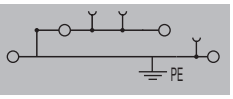
SNAP IN

Q3 2023



Width/Height/Depth	mm	6.1 x 94 x 41.5	5.1 x 90 x 50.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 2.5
Max. clamping range	mm²	0.5...4	0.5...2.5





Technical data

Rated data		S4C 4 PE	S2T 2.5 PE
for wire cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V/-	4 / 800 /	2.5 / 800 /
Rated impulse withstand voltage to adjacent terminal	-		
Rated short-time current		480 A (4 mm²)	300 A (2.5 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0	A2 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...4 / 0.5...4	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	0.5...2.5 / 0.5...2.5
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
4			
800 /			

IEC	UL	CSA	EN 60079-7
2.5			
800 /			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	S4C 4 PE	50	2874900000

Version	Type	Qty.	Order No.
Green/yellow	S2T 2.5 PE	50	2902460000

Note

Accessories

	Type		Qty.	Order No.
End plate				
dark beige	SEP 4C 4			2874810000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 4 MI-R	0.2 A	50	1991860000
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 PLUS MC NE WS		1000	1011320000

	Type		Qty.	Order No.
End plate				
dark beige	SEP 2T 2.5			2902630000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

Fast wiring. But safe.

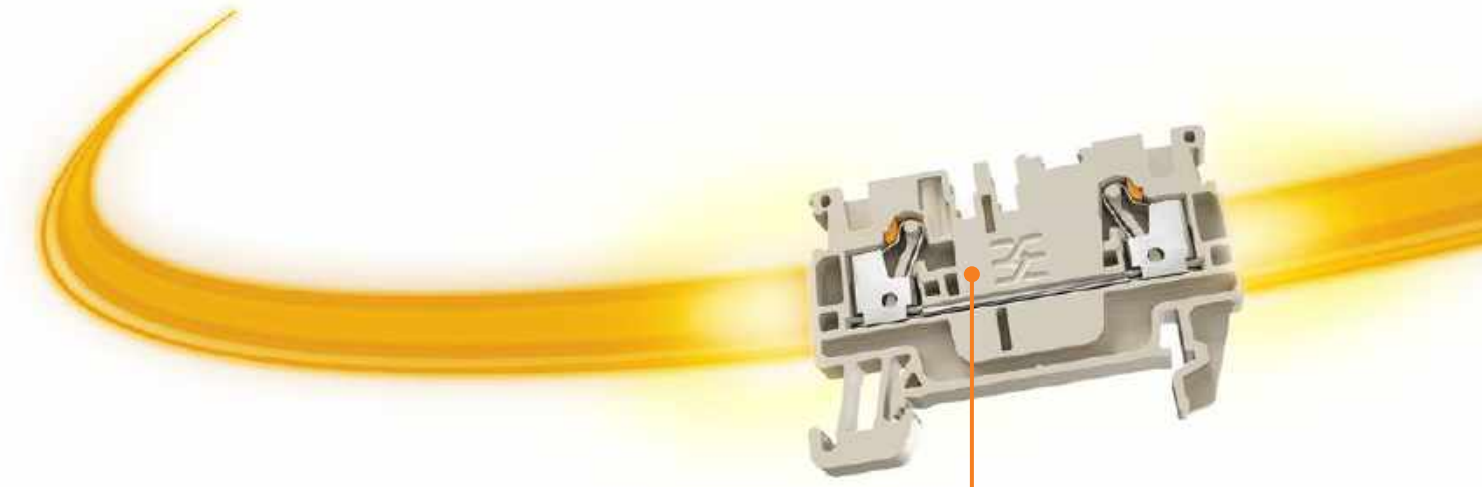
Klippon® Connect enhances your efficiency with PUSH IN technology

Increase your efficiency during installations without compromising on safety. The innovative PUSH IN technology reduces connection times for solid conductors and conductors with crimped-on wire-end ferrules by up to 50 percent compared to tension clamp terminals. The conductor is simply inserted into the contact point as far as the stop and that's it – you have a safe, gas-tight connection. Even stranded-wire conductors can be connected without any problem and without the need for special tools.

Safe and reliable connections are crucial, especially under harsh conditions, such as those encountered in the process industry. PUSH IN technology guarantees optimal contact security and ease of handling, even in demanding applications.

Our promise

Klippon® Connect gives your panel design maximum flexibility thanks to PUSH IN technology. The extremely compact design and simple handling at the same time help to make processes more efficient right from the planning stage.



Safety

- Standardised test point
- Optical and physical separation of operation and conductor entry
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

Flexibility
- Release the conductor with any tool
- Large marking surfaces make maintenance work easier
- Clip-in foot compensates for differences in terminal rail dimensions

Time saving
- Mounting foot makes unlatching the terminal block easy
- Clear distinction made between all functional areas
- Easier marking and wiring

Space-saving design
- Slim design creates a large amount of space in the panel
- High wiring density despite less space being required on the terminal rail

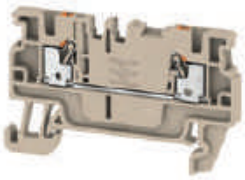
Overview

Thanks to the extensive choice of accessories and the different cross-connection options, our PUSH IN terminal blocks are the perfect solution for every requirement.

Functional transparency:
All of the terminal blocks' functions can be clearly differentiated from one another – thus ensuring safe and efficient maintenance work.

Ready for automation:
A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

Safely prevent incorrect wiring:
The pusher for releasing the contacts ensures safe contact protection.

	A2C 1.5	A3C 1.5
	1.5 mm²	1.5 mm²
		
Width/Height/Depth mm	3.5 x 55 x 33.5	3.5 x 61.5 x 33.5
max. current / max. cond. cross-section A/mm²	17.5 / 1.5	17.5 / 1.5
Max. clamping range mm²	0.14...1.5	0.14...1.5

Technical data

	A2C 1.5	A3C 1.5
Rated data		
Rated voltage V	500	500
Rated current A	17.5	17.5
for wire cross-section mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A1 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

	A2C 1.5	A3C 1.5
IEC 60947-1	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
IEC	500	500
UL	300	300
CSA	300	300
EN 60079-7	550	440
	17.5	17.5
	13	13
	13	13
	15	15
	AWG 26...14	AWG 26...14
	AWG 26...14	AWG 26...14
	1.5 mm²	1.5 mm²

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 1.5	100	1552790000
Blue	A2C 1.5 BL	100	1552820000
Note			

Type	Qty.	Order No.
A3C 1.5	50	1552740000
A3C 1.5 BL	50	1552770000

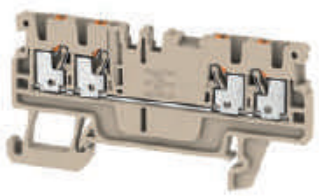
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000
2-pole				
10-pole				
End plate				
dark beige	AEP 2C 1.5		50	1552600000
Blue	AEP 2C 1.5 BL		50	1552610000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R	0.2 A	50	1991880000
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDS 0.4X2.0X60		1	2749260000
Marking tags				
	WS 8/3.5 MM WS		1000	2007140000
	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 3C 1.5		50	1552620000
AEP 3C 1.5 BL		50	1552630000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

For detailed information on other accessories and application in the online catalogue

A4C 1.5 — 1.5 mm²



3.5 x 67.5 x 33.5
17.5 / 1.5
0.14...1.5

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
17.5	13	13	15
1.5	AWG 26...14	AWG 26...14	1.5 mm²
	6 kV / 3		
	A1 / V-0		

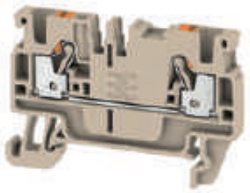
TUEV16ATEX7909U

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

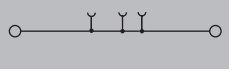
Type	Qty.	Order No.
A4C 1.5	100	1552690000
A4C 1.5 BL	100	1552700000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 4C 1.5		50	1552640000
AEP 4C 1.5 BL		50	1552650000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

A2C 2.5 — 2.5 mm²



5.1 x 55 x 36.5
24 / 4
0.14...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		

TUEV16ATEX7909U

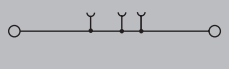
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 2.5	100	1521850000
A2C 2.5 BL	100	1521880000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000
AEP 2C 2.5 BL		50	1514420000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

AL2C 2.5 — 2.5 mm²

5.1 x 57 x 36.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

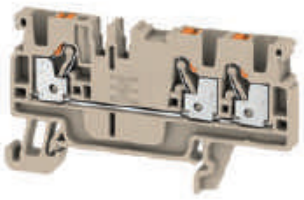
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

CE

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2C 2.5	50	2847200000
AL2C 2.5 BL	50	2847210000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ALEP 2C 2.5		20	2871750000
ALEP 2C 2.5 BL		20	2871760000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	A3C 2.5	2.5 mm²	AL3C 2.5	2.5 mm²
				
Width/Height/Depth mm	5.1 x 66.5 x 36.5		5.1 x 68 x 48	
max. current / max. cond. cross-section A/mm²	24 / 4		24 / 2.5	
Max. clamping range mm²	0.14...4		0.14...2.5	

Technical data

	A3C 2.5	AL3C 2.5
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb II 2 G D	

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		
CE			

	A3C 2.5	AL3C 2.5
Rated connection		
Solid / Stranded mm²	0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	A3C 2.5	100	1521740000
Blue	A3C 2.5 BL	100	1521780000

Version	Type	Qty.	Order No.
	AL3C 2.5	50	2847330000
	AL3C 2.5 BL	50	2847340000

Note

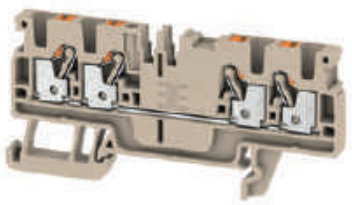
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
2-pole				
10-pole				
End plate				
dark beige	AEP 3C 2.5		50	1521510000
Blue	AEP 3C 2.5 BL		50	1521520000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

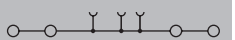
Plug-in cross-connection	Type		Qty.	Order No.
	ZQV 2.5N/2	24 A	60	1527540000
	ZQV 2.5N/10	24 A	20	1527690000
End plate				
	ALEP 3C 2.5		20	2871770000
	ALEP 3C 2.5 BL		20	2871780000
End bracket				
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
	ATPG 1.5-10 L	0.2 A	50	1991890000
	ATPG 2.5 MI-R	0.2 A	50	1991960000
	ATPG 2.5/3	0.2 A	25	2041190000
	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A4C 2.5 — 2.5 mm²



5.1 x 77.5 x 36.5
24 / 4
0.14...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 2.5	100	1521690000
A4C 2.5 BL	100	1521700000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

AL4C 2.5 — 2.5 mm²

5.1 x 79.5 x 48
24 / 2.5
0.14...2.5

IEC 60947-7-1

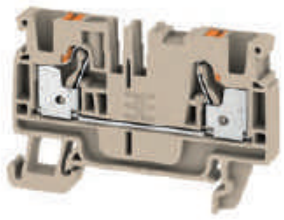
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		
CE			

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

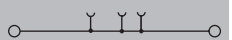
Type	Qty.	Order No.
AL4C 2.5	50	2847460000
AL4C 2.5 BL	50	2847470000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ALEP 4C 2.5		20	2871790000
ALEP 4C 2.5 BL		20	2871800000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A2C 4 — 4 mm²



6.1 x 60 x 39.5
32 / 6
0.14...6



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

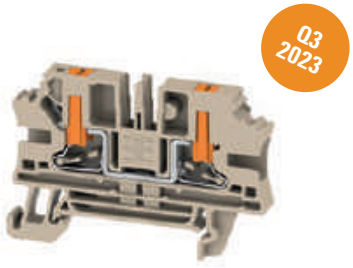
IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	28
4	AWG 28...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 4	100	2051180000
A2C 4 BL	100	2051210000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2C 4		50	2051680000
AEP 2C 4 BL		50	2051690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	AL2C 4	A3C 4
	4 mm²	4 mm²



Width/Height/Depth	mm	6.1 x 60 x 39.5	6.1 x 74 x 39.5
max. current / max. cond. cross-section	A/mm²	32 / 4	32 / 6
Max. clamping range	mm²	0.14...4	0.14...6

Technical data

Rated data								
Rated voltage	V	IEC 60947-7-1				IEC 60947-7-1		Ex eb II C Gb Ex II 2 G D
Rated current	A	1000				800		
for wire cross-section	mm²	32				32		
Rated impulse withstand voltage / Pollution severity		4				4		
Gauge to IEC 60947-1 / UL 94 flammability rating								
Approvals								
Clamped conductors (H05V/H07V)								
Solid / Stranded	mm²							
Flexible / Flexible with ferrule	mm²							
Stripping length / Blade size	mm/-							

IEC	UL	CSA	EN 60079-7
1000			
32			
4			
		8 kV / 3	
		A4 / V-0	

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 28...10	AWG 26...10	4 mm²
		8 kV / 3	
		A4 / V-0	
			TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	dark beige
	Blue

Note

Type	Qty.	Order No.
AL2C 4	50	2847710000
AL2C 4 BL	50	2871870000

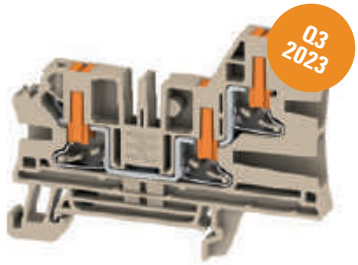
Type	Qty.	Order No.
A3C 4	50	2051240000
A3C 4 BL	50	2051280000

Accessories

Plug-in cross-connection								
	2-pole							
	10-pole							
	2-pole							
	10-pole							
	2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
	10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
	dark beige	ALEP 2C 4			2871810000	AEP 3C 4		20	2051720000
	Blue	ALEP 2C 4 BL			2871820000	AEP 3C 4 BL		20	2051880000
End bracket								
	dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
	1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
	stackable	ATPG 4 MI-R	0.2 A	50	1991860000	ATPG 4 MI-R	0.2 A	50	1991860000
	3-pole								
	5-pole								
Test plug								
		PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
	Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
		WS 10/6 M PLUS MC NE WS		600	2003780000	WS 10/6 M PLUS MC NE WS		600	2003780000
		DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
		WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
		DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000

For detailed information on other accessories and application in the online catalogue

AL3C 4 — 4 mm²



6.1 x 71.5 x 52.5
32 / 4
0.14...4

IEC 60947-7-1

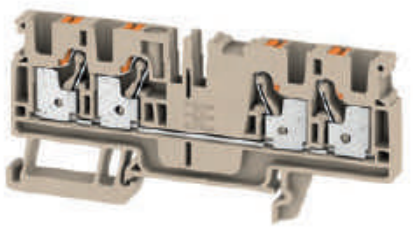
IEC	UL	CSA	EN 60079-7
1000			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL3C 4	50	**2847720000**
AL3C 4 BL	50	**2871990000**

Type			Qty.	Order No.
ZQV 4N/2	32 A		60	**1527930000**
ZQV 4N/10	32 A		20	**1528090000**
ALEP 3C 4				**2871830000**
ALEP 3C 4 BL				**2871840000**
AEB 35 SC/1			50	**1991920000**
AEB 35 SCL/1 V0			20	**2661280000**
ATPG 1.5-10 L	0.2 A		50	**1991890000**
ATPG 4 MI-R	0.2 A		50	**1991860000**
PS 2.0 MC			20	**0310000000**
SDIL 0,6X3,5X100			1	**2749140000**
WS 10/6 M PLUS MC NE WS			600	**2003780000**
DEK 5/6 MM WS			600	**2007120000**
WS 8/6 MM WS			600	**2007160000**
DEK 5/6 PLUS MC NE WS			1000	**1011320000**

A4C 4 — 4 mm²



6.1 x 87.5 x 39.5
32 / 6
0.14...6

Ex eb II C Gb

II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	30
4	AWG 28...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		

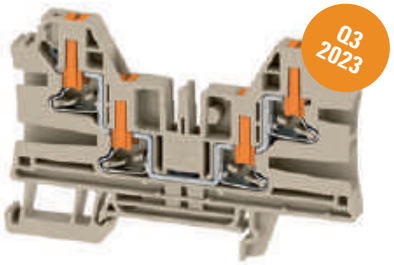
TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 4	50	**2051500000**
A4C 4 BL	50	**2051520000**

Type			Qty.	Order No.
ZQV 4N/2	32 A		60	**1527930000**
ZQV 4N/10	32 A		20	**1528090000**
AEP 4C 4			20	**2051900000**
AEP 4C 4 BL			20	**2051910000**
AEB 35 SC/1			50	**1991920000**
AEB 35 SCL/1 V0			20	**2661280000**
ATPG 1.5-10 L	0.2 A		50	**1991890000**
ATPG 4 MI-R	0.2 A		50	**1991860000**
PS 2.0 MC			20	**0310000000**
SDIL 0,6X3,5X100			1	**2749140000**
WS 10/6 M PLUS MC NE WS			600	**2003780000**
DEK 5/6 MM WS			600	**2007120000**
WS 8/6 MM WS			600	**2007160000**
DEK 5/6 PLUS MC NE WS			1000	**1011320000**

AL4C 4 — 4 mm²



6.1 x 83 x 52.5
32 / 4
0.14...4

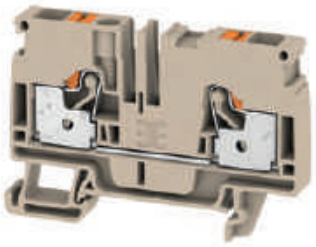
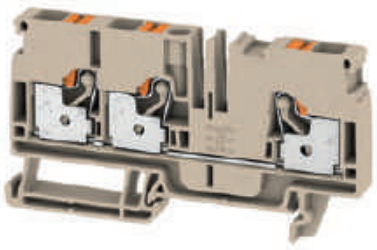
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 4	50	**2847730000**
AL4C 4 BL	50	**2872110000**

Type			Qty.	Order No.
ZQV 4N/2	32 A		60	**1527930000**
ZQV 4N/10	32 A		20	**1528090000**
ALEP 4C 4				**2871850000**
ALEP 4C 4 BL				**2871860000**
AEB 35 SC/1			50	**1991920000**
AEB 35 SCL/1 V0			20	**2661280000**
ATPG 1.5-10 L	0.2 A		50	**1991890000**
ATPG 4 MI-R	0.2 A		50	**1991860000**
PS 2.0 MC			20	**0310000000**
SDIL 0,6X3,5X100			1	**2749140000**
WS 10/6 M PLUS MC NE WS			600	**2003780000**
DEK 5/6 MM WS			600	**2007120000**
WS 8/6 MM WS			600	**2007160000**
DEK 5/6 PLUS MC NE WS			1000	**1011320000**

		A2C 6	6 mm²	A3C 6	6 mm²
					
Width/Height/Depth	mm	8.1 x 66.5 x 45.5		8.1 x 84.5 x 45.5	
max. current / max. cond. cross-section	A/mm²	41 / 10		41 / 10	
Max. clamping range	mm²	0.34...10		0.34...10	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	550
Rated current	A	41	38	38	37
for wire cross-section	mm²	6	AWG 22...8	AWG 22...8	6 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0			
Approvals		IEC 60947-7-1		Ex eb II C Gb	II 2 G D
		TUEV16ATEX7909U			
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6			
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm			
Note					

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	550
Rated current	A	41	38	38	36
for wire cross-section	mm²	6	AWG 22...8	AWG 22...8	6 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0			
Approvals		IEC 60947-7-1		Ex eb II C Gb	II 2 G D
		TUEV16ATEX7909U			
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6			
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 6	50	1992110000
Blue	A2C 6 BL	50	1991790000
Note			

Version	Type	Qty.	Order No.
dark beige	A3C 6	50	1991820000
Blue	A3C 6 BL	50	1991830000
Note			

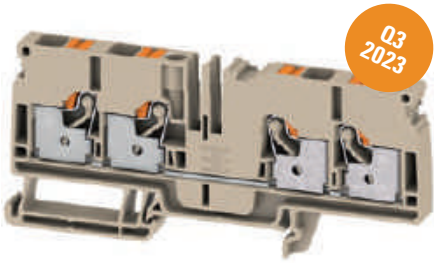
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 6N/2	41 A	60	1985740000
3-pole	ZQV 6N/3	41 A	60	1985760000
4-pole	ZQV 6N/4	41 A	60	1985780000
End plate				
dark beige	AEP 2C 6		50	1991970000
Blue	AEP 2C 6 BL		50	1991950000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 6 MI-R	0.2 A	50	1991930000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

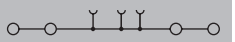
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 6N/2	41 A	60	1985740000
3-pole	ZQV 6N/3	41 A	60	1985760000
4-pole	ZQV 6N/4	41 A	60	1985780000
End plate				
dark beige	AEP 3C 6		50	1991940000
Blue	AEP 3C 6 BL		20	1991910000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 6 MI-R	0.2 A	50	1991930000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

A4C 6 — 6 mm²



8.1 x 102 x 45.5
41 / 10
0.34...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
41			
6			
	8 kV / 3		
	A5 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...10 / 0.5...6
12 / 1.0 x 5.5 mm

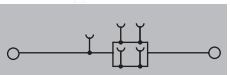
Type	Qty.	Order No.
A4C 6	50	**2881450000**
A4C 6 BL	50	**2881460000**

Type		Qty.	Order No.
ZQV 6N/2	41 A	60	**1985740000**
ZQV 6N/3	41 A	60	**1985760000**
ZQV 6N/4	41 A	60	**1985780000**
AEP 4C 6			**2876180000**
AEP 4C 6 BL			**2876190000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

ALO 6 — 6 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

9 x 77 x 45.5
41 / 6
0.34...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	550
41	38	38	33
6	AWG 22...8	AWG 22...8	6 mm²
	8 kV / 3		
	A5 / V-0		
			TUEV16ATEX7909U
Rated connection			
0.5...6 / 0.5...10			
0.5...10 / 0.5...6			
12 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ALO 6	20	**1991780000**
Blue	ALO 6 BL	20	**2065120000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK-A 5/8 MM WS		500	**2448860000**
	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

	A2C 10	A3C 10
	10 mm²	10 mm²
Width/Height/Depth mm	10 x 80.5 x 51.5	10 x 102 x 51.5
max. current / max. cond. cross-section A/mm²	**57 / 16**	**57 / 16**
Max. clamping range mm²	**0.5...16**	**0.5...16**

Technical data

	A2C 10	A3C 10
Rated data		
Rated voltage V	DIN EN 60947-7-1	DIN EN 60947-7-1
Rated current A	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
1000	600	600	550
57	55	55	52
10	AWG 20...6	AWG 20...6	10 mm²
8 kV / 3			
A6 / V-0			
UNDEFINED TEXT			

Rated connection	A2C 10	A3C 10
	0.5...10 / 0.5...16	0.5...10 / 0.5...16
	0.5...16 / 0.5...10	0.5...16 / 0.5...10
	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm

Note

Ordering data

Version

	Type	Qty.	Order No.
dark beige	A2C 10	25	**2490360000**
Blue	A2C 10 BL	25	**2490370000**

	Type	Qty.	Order No.
	A3C 10	25	**2490520000**
	A3C 10 BL	25	**2490510000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 10N/2	57 A	25	**2497250000**
End plate				
dark beige	AEP 2C 10/16		20	**2490380000**
blue	AEP 2C 10/16 BL		20	**2490390000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 10 MI-R	0.2 A	50	**1991870000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

	Type		Qty.	Order No.
	ZQV 10N/2	57 A	25	**2497250000**
	AEP 3C 10/16		20	**2490530000**
	AEP 3C 10/16 BL		20	**2490540000**
	AEB 35 SC/1		50	**1991920000**
	AEB 35 SCL/1 V0		20	**2661280000**
	ATPG 10 MI-R	0.2 A	50	**1991870000**
	PS 2.0 MC		20	**0310000000**
	SDIL 1,0X5,5X125		1	**2749160000**
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

	A2C 16	A3C 16
	16 mm²	16 mm²
Width/Height/Depth mm	12 x 80.5 x 51.5	12 x 102 x 51.5
max. current / max. cond. cross-section A/mm²	**76 / 25**	**76 / 25**
Max. clamping range mm²	**0.5...25**	**0.5...25**

Technical data

Rated data	A2C 16	A3C 16
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC 1000 / UL 600 / CSA 600 / EN 60079-7 550	IEC 1000 / UL 600 / CSA 600 / EN 60079-7 550
for wire cross-section mm²	76 / 62 / 62 / 64	76 / 62 / 62 / 64
Rated impulse withstand voltage / Pollution severity	16 / AWG 18...6 / AWG 18...6 / 16 mm²	16 / AWG 18...6 / AWG 18...6 / 16 mm²
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	A6 / V-0	A6 / V-0
	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...16 / 10...25	0.5...16 / 10...25
Flexible / Flexible with ferrule mm²	0.5...25 / 0.5...16	0.5...25 / 0.5...16
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 16	20	**2494000000**
Blue	A2C 16 BL	20	**2494100000**
Note			

Type	Qty.	Order No.
A3C 16	20	**2494090000**
A3C 16 BL	20	**2494080000**

Accessories

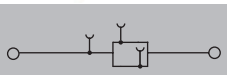
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 16N/2	76 A	25	**2497290000**
End plate				
dark beige	AEP 2C 10/16		20	**2490380000**
blue	AEP 2C 10/16 BL		20	**2490390000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

Type		Qty.	Order No.
ZQV 16N/2	76 A	25	**2497290000**
AEP 3C 10/16		20	**2490530000**
AEP 3C 10/16 BL		20	**2490540000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

ALO 16 — 16 mm²

Width/Height/Depth	12 x 95.5 x 51.5 mm
max. current / max. cond. cross-section	**76 / 16** A/mm²
Max. clamping range	**0.5...16** mm²



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	550
76	62	62	69
16	AWG 18...6	AWG 18...6	16 mm²
	8 kV / 3		
	A6 / V-0		
			TUEV16ATEX7909U
Rated connection			
0.5...10 / 0.5...25			
0.5...25 / 1.5...16			
18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige	ALO 16	20	**2502280000**
Blue	ALO 16 BL	20	**2502320000**

Note

Accessories

Plug-in cross-connection	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
2-pole	ZQV 6N/2	41 A	60	**1985740000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

	A2C 35	A2C 35 DM
	35 mm²	35 mm²
Width/Height/Depth mm	16 x 101.5 x 71.5	16 x 135 x 71.5
max. current / max. cond. cross-section A/mm²	**125 / 35**	**125 / 35**
Max. clamping range mm²	**2.5...35**	**2.5...35**

Technical data

	A2C 35	A2C 35 DM
Rated data	IEC 60947-7-1	IEC 60947-7-1
Rated voltage V/V DC	1000 / 1500	1000 / 1500
Rated current A	125	125
for wire cross-section mm²	35	35
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	/ V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	2.5...16 / 10...35	2.5...16 / 10...35
Flexible / Flexible with ferrule mm²	10...35 / 2.5...35	10...35 / 2.5...35
Stripping length / Blade size mm/-	25 / 1.0 x 5.5 mm	25 / 1.0 x 5.5 mm
Note		

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2C 35	10	**2551510000**
Blue	A2C 35 BL	10	**2552090000**
Note			

Version	Type	Qty.	Order No.
dark beige	A2C 35 DM	10	**2551550000**
Blue	A2C 35 BL DM	10	**2552150000**
Note			

Accessories

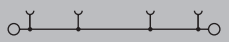
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**
Additional tap				
dark beige	AAC 35 2X6	41 A	5	**2583090000**
blue	AAC 35 2X6 BL	41 A	5	**2583170000**
black/yellow	AAC 35 2X6 BK-YL	41 A	5	**2583190000**
green/yellow	AAC 35 2X6 GN-YL	41 A	5	**2583180000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**
Cross connections insertable				
2-pole				
3-pole				

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**
Additional tap				
dark beige	AAC 35 2X6	41 A	5	**2583090000**
blue	AAC 35 2X6 BL	41 A	5	**2583170000**
black/yellow	AAC 35 2X6 BK-YL	41 A	5	**2583190000**
green/yellow	AAC 35 2X6 GN-YL	41 A	5	**2583180000**
End bracket				
dark beige, screwable				
dark beige, direct mounting				
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**
Cross connections insertable				
2-pole				
3-pole				

For detailed information on other accessories and application in the online catalogue

A2C 50/70 — 50 mm²

20 x 101.5 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
8 kV / 3			
/ V-0			

Rated connection
10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

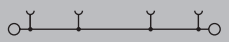
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70	5	2663250000
A2C 50/70 BL	5	2663260000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 50/70N/2	150 A	10	2663400000

A2C 50/70 DM — 50 mm²

20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
8 kV / 3			
/ V-0			

Rated connection
10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

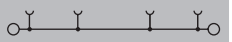
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 50/70N/2	150 A	10	2663400000

A2C 95/120 — 95 mm²

25 x 101.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		
232	255		
95	AWG 4...250		
8 kV / 3			
/ V-0			

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120	5	2694060000
A2C 95/120 BL	5	2694070000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 95/120N/2	192 A	10	2694250000
ZQV 95/120N/3	192 A	10	2694260000

	A2C 95/120 DM	95 mm²	A2C 150/185	150 mm²
			Q3 2023	
Width/Height/Depth mm	25 x 133.5 x 90		34 x 118.5 x 98	
max. current / max. cond. cross-section A/mm²	**232 / 120**		**309 / 185**	
Max. clamping range mm²	**25…120**		**25…185**	

Technical data

Rated data								
Rated voltage V/V DC	IEC 60947-7-1				IEC 60947-7-1			
Rated current A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	1000 / 1500	600			1000 / 1500			
Rated impulse withstand voltage / Pollution severity	232	255			309			
Gauge to IEC 60947-1 / UL 94 flammability rating	95	AWG 4…250			150			
Approvals			8 kV / 3				8 kV / 3	
			/ V-0				B13 / V-0	
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	25…120 / 25…120				50…185 / 50…185			
Flexible / Flexible with ferrule mm²	25…120 / 25…95				50…185 / 50…150			
Stripping length / Blade size mm/-	40 / 1.0 x 5.5 mm				40 / 1.0 x 5.5 mm			
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.				If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2C 95/120-DM	5	**2694150000**	A2C 150/185	5	**2728700000**
Blue	A2C 95/120 BL-DM	5	**2694160000**	A2C 150/185 BL	5	**2728710000**
Note						

Accessories

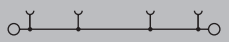
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole								
2-pole								
2-pole								
Additional tap								
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**	AAC 50-185 2X10	57 A	5	**2663420000**
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**	AAC 50-185 2X10 BL	57 A	5	**2663430000**
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
End bracket								
dark beige, screwable					AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting					AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**
Cross connections insertable								
2-pole	ZQV 95/120N/2	192 A	10	**2694250000**	ZQV 150/185N/2	232 A	5	**2728840000**
3-pole	ZQV 95/120N/3	192 A	10	**2694260000**	ZQV 150/185N/3	232 A	5	**2728850000**

For detailed information on other accessories and application in the online catalogue

A2C 150/185 DM

150 mm²

34 x 151 x 98
309 / 185
25...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500			
309			
150			
	8 kV / 3		
	B13 / V-0		

Rated connection
50...185 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 150/185-DM	1	**2728770000**
A2C 150/185 BL-DM	5	**2728780000**

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**
ZQV 150/185N/2	232 A	5	**2728840000**
ZQV 150/185N/3	232 A	5	**2728850000**

	A2T 1.5	A2T 1.5 VL
	1.5 mm²	1.5 mm²
Width/Height/Depth mm	3.5 x 84 x 45	3.5 x 84 x 45
max. current / max. cond. cross-section A/mm²	16 / 1.5	16 / 1.5
Max. clamping range mm²	0.14...1.5	0.14...1.5

Technical data

Rated data	A2T 1.5	A2T 1.5 VL
Rated voltage V/-	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
for wire cross-section mm²	IEC: 500 / 16 / 1.5	IEC: 500 / 17.5 / 1.5
	UL: 300 / 13 / AWG 26...14	UL: 300 / 13 / AWG 26...14
	CSA: 300 / 13 / AWG 26...14	CSA: 300 / 13 / AWG 26...14
	EN 60079-7: 440 / 13.5 / 1.5 mm²	EN 60079-7: 440 / 13.5 / 1.5 mm²
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A1 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2T 1.5	50	2469370000
Blue	A2T 1.5 BL	50	2471430000
Note			

Type	Qty.	Order No.
A2T 1.5 VL	50	2469400000
A2T 1.5 VL BL	50	2471450000

Accessories

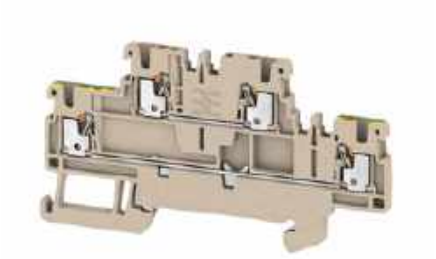
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000
End plate				
dark beige	AEP 2T 1.5		20	2469420000
Blue	AEP 2T 1.5 BL		20	2471470000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R	0.2 A	50	1991880000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDS 0.4X2.0X60		1	2749260000
Marking tags				
	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000
	SNAPMARK 1.5		40	2682080000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEP 2T 1.5 BL		20	2471470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

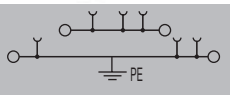
For detailed information on other accessories and application in the online catalogue

A2T 1.5 FT-PE

1.5 mm²



3.5 x 84 x 45
16 / 1.5
0.14...1.5



IEC 60947-7-1, IEC 60947-7-2

Ex eb II
C Gb

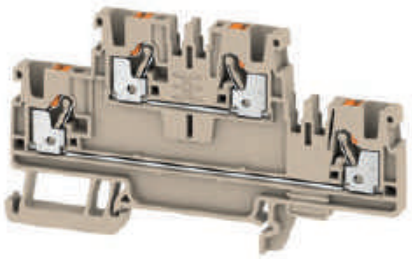
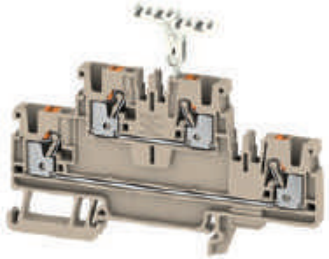
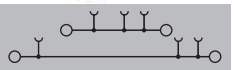
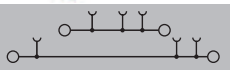
II 2 G D

IEC	UL	CSA	EN 60079-7
500 /	300	300	440
16	13	13	13.5
1.5	AWG 26...14	AWG 26...14	1.5 mm²
	6 kV / 3		
	A1 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A2T 1.5 FT-PE	50	**2469390000**

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	**1985410000**
ZQV 1.5N/10	17.5 A	20	**1985580000**
AEP 2T 1.5		20	**2469420000**
AEP 2T 1.5 BL		20	**2471470000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 1.5 MI-R	0.2 A	50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**2749260000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
SNAPMARK 1.5		40	**2682080000**

	A2T 2.5	A2T 2.5 SNAPMARK
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.1 x 90 x 50.5	5.1 x 90 x 69
max. current / max. cond. cross-section A/mm²	24 / 4	24 / 4
Max. clamping range mm²	0.14...4	0.14...4
		

Technical data

	A2T 2.5	A2T 2.5 SNAPMARK
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb, II 2 G D	
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
	TUEV16ATEX7909U		

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
	TUEV16ATEX7909U		

Rated connection	Rated connection
0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	

Ordering data

Version	Type	Qty.	Order No.
dark beige	A2T 2.5	50	1547610000
Blue	A2T 2.5 BL	50	1547620000
Note			

Type	Qty.	Order No.
A2T 2.5 SNAPMARK	50	2581250000
A2T 2.5 SNAPMARK BL	50	2581280000

Accessories

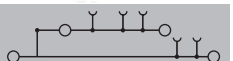
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
2-pole				
10-pole				
End plate				
dark beige	AEP 2T 2.5		20	1547690000
blue	AEP 2T 2.5 BL		20	1547700000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 3T 2.5		20	2428560000
AEP 3T 2.5 BL		20	2428860000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A2T 2.5 VL — 2.5 mm²

5.1 x 90 x 50.5
24 / 4
0.14...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

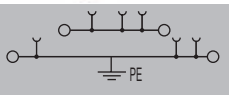
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 VL	50	1547650000
A2T 2.5 VL BL	50	1547660000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A2T 2.5 FT-PE — 2.5 mm²

5.1 x 90 x 50.5
24 / 4
0.14...4



IEC 60947-7-1, IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

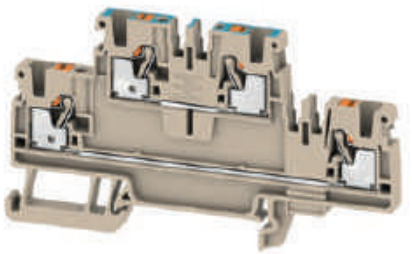
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

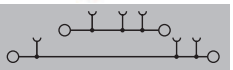
Type	Qty.	Order No.
A2T 2.5 FT-PE	50	1547640000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A2T 2.5 N-FT — 2.5 mm²



5.1 x 90 x 50.5
24 / 4
0.14...4



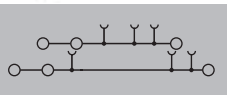
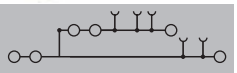
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	/ V-0		
CE			

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 N-FT	50	2723370000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

		A2T 2.5 3C	2.5 mm²	A2T 2.5 3C VL	2.5 mm²
Width/Height/Depth	mm	5.1 x 114.5 x 64		5.1 x 114.5 x 64	
max. current / max. cond. cross-section	A/mm²	22 / 4		22 / 4	
Max. clamping range	mm²	0.14...4		0.14...4	

Technical data

		A2T 2.5 3C	2.5 mm²	A2T 2.5 3C VL	2.5 mm²
Rated data					
Rated voltage	V	IEC 60947-7-1	Ex eb II C Gb II 2 G D	IEC 60947-7-1	Ex eb II C Gb II 2 G D
Rated current	A	800	550	800	550
for wire cross-section	mm²	22	19	22	19
Rated impulse withstand voltage / Pollution severity		2.5	AWG 28...12 / 2.5 mm²	2.5	AWG 28...12 / 2.5 mm²
Gauge to IEC 60947-1 / UL 94 flammability rating		8 kV / 3		8 kV / 3	
Approvals		A3 / V-0		A3 / V-0	
		TUEV16ATEX7909U		TUEV16ATEX7909U	
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...2.5 / 0.5...4		0.5...2.5 / 0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	
Note					

Ordering data

		A2T 2.5 3C	2.5 mm²	A2T 2.5 3C VL	2.5 mm²
Version		**Type**	**Qty.** / **Order No.**	**Type**	**Qty.** / **Order No.**
	dark beige	A2T 2.5 3C	50 / **2531290000**	A2T 2.5 3C VL	50 / **2531310000**
	Blue	A2T 2.5 3C BL	50 / **2531510000**	A2T 2.5 3C VL BL	50 / **2531530000**
Note					

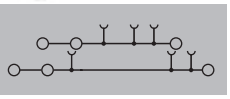
Accessories

		A2T 2.5 3C	2.5 mm²	A2T 2.5 3C VL	2.5 mm²
Plug-in cross-connection		**Type**	**Qty.** / **Order No.**	**Type**	**Qty.** / **Order No.**
	2-pole	ZQV 2.5N/2 24 A	60 / **1527540000**	ZQV 2.5N/2 24 A	60 / **1527540000**
	10-pole	ZQV 2.5N/10 24 A	20 / **1527690000**	ZQV 2.5N/10 24 A	20 / **1527690000**
	2-pole				
	10-pole				
	2-pole				
	10-pole				
End plate					
	dark beige	AEP 2T 2.5 3C	20 / **2532690000**	AEP 2T 2.5	20 / **1547690000**
	Blue	AEP 2T 2.5 3C BL	20 / **2532700000**	AEP 2T 2.5 BL	20 / **1547700000**
End bracket					
	dark beige, screwable	AEB 35 SC/1	50 / **1991920000**	AEB 35 SC/1	50 / **1991920000**
	dark beige, direct mounting	AEB 35 SCL/1 V0	20 / **2661280000**	AEB 35 SCL/1 V0	20 / **2661280000**
Test adapter					
	1-pole	ATPG 1.5-10 L 0.2 A	50 / **1991890000**	ATPG 1.5-10 L 0.2 A	50 / **1991890000**
	stackable	ATPG 2.5 MI-R 0.2 A	50 / **1991960000**	ATPG 2.5 MI-R 0.2 A	50 / **1991960000**
	3-pole	ATPG 2.5/3 0.2 A	25 / **2041190000**	ATPG 2.5/3 0.2 A	25 / **2041190000**
	5-pole	ATPG 2.5/5 0.2 A	25 / **2041180000**	ATPG 2.5/5 0.2 A	25 / **2041180000**
Test plug					
		PS 2.0 MC	20 / **0310000000**	PS 2.0 MC	20 / **0310000000**
Screwdriver					
	Standard	SDIL 0,6X3,5X100	1 / **2749140000**	SDIL 0,6X3,5X100	1 / **2749140000**
Marking tags					
		DEK 5/5 PLUS MC NE WS	1000 / **1854490000**	DEK 5/5 PLUS MC NE WS	1000 / **1854490000**
		DEK 5/5 MM WS	800 / **2007110000**	DEK 5/5 MM WS	800 / **2007110000**
		WS 8/5 MM WS	800 / **2007150000**	WS 8/5 MM WS	800 / **2007150000**
		WS 10/5 M PLUS MC NE WS	600 / **2003770000**	WS 10/5 M PLUS MC NE WS	600 / **2003770000**

For detailed information on other accessories and application in the online catalogue

A2T 2.5 3C N-FT — 2.5 mm²

5.1 x 114.5 x 64
22 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
22			19
2.5			2.5 mm²
	8 kV / 3		
	/ V-0		
CE			TUEV16ATEX7909U

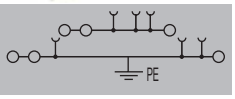
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 3C N-FT	50	**2736830000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

A2T 2.5 3C FT-PE — 2.5 mm²

5.1 x 114.5 x 64
22 / 4
0.14...4



Ex eb II C Gb II 2 G D

IEC 60947-7-1

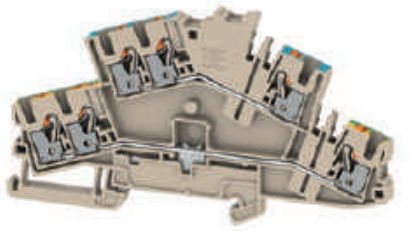
IEC	UL	CSA	EN 60079-7
800	300		550
22	20		19
2.5	AWG 28...12		2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

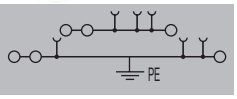
Type	Qty.	Order No.
A2T 2.5 3C FT-PE	50	**2531300000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

A2T 2.5 3C N-PE — 2.5 mm²



5.1 x 114.5 x 64
22 / 4
0.14...4



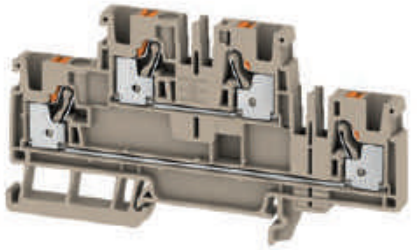
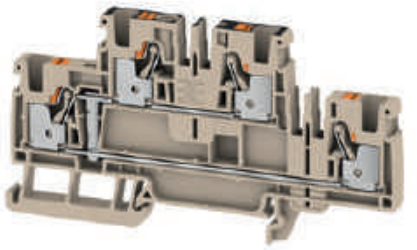
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			550
22			19
2.5			2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 3C N-PE	50	**2623550000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEP 2T 2.5 BL		20	**1547700000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	A2T 4	A2T 4 VL
	4 mm²	4 mm²
		
Width/Height/Depth mm	6.1 x 100 x 53.5	6.1 x 100 x 53.5
max. current / max. cond. cross-section A/mm²	**32 / 6**	**32 / 6**
Max. clamping range mm²	**0.14...6**	**0.14...6**

Technical data

	A2T 4	A2T 4 VL
Rated data	IEC 60947-7-1	IEC 60947-7-1
Rated voltage V	800	800
Rated current A	32	32
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 0.5...6	0.5...4 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm²

IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm²

Note

Ordering data

Version	A2T 4	A2T 4 VL
dark beige	2539970000	2540020000
Blue	2540040000	2540030000

Type	Qty.	Order No.
A2T 4	50	2539970000
A2T 4 BL	50	2540040000

Type	Qty.	Order No.
A2T 4 VL	50	2540020000
A2T 4 VL BL	50	2540030000

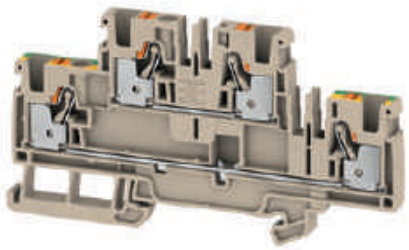
Note

Accessories

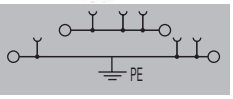
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole								
10-pole								
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
2-pole								
10-pole								
End plate								
dark beige	AEP 2T 4		20	2540000000	AEP 2T 4		20	2540000000
blue	AEP 2T 4 BL		20	2540010000	AEP 2T 4 BL		20	2540010000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 4 MI-R	0.2 A	50	1991860000	ATPG 4 MI-R	0.2 A	50	1991860000
3-pole								
5-pole								
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000	SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

A2T 4 FT-PE — 4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



IEC 60947-7-1, IEC 60947-7-2

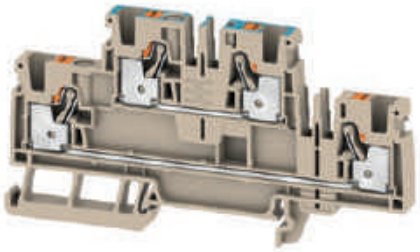
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm²
	8 kV / 3		
	A4 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

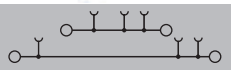
Type	Qty.	Order No.
A2T 4 FT-PE	50	**2539980000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
AEP 2T 4		20	**2540000000**
AEP 2T 4 BL		20	**2540010000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

A2T 4 N-FT — 4 mm²



6.1 x 100 x 53.5
32 / 6
0.14...6



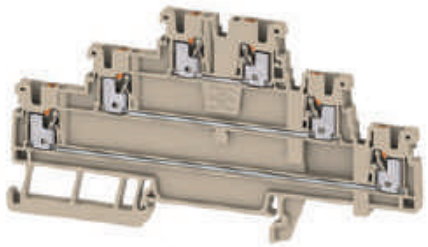
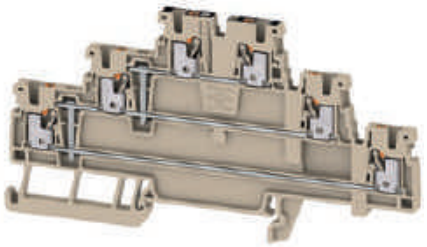
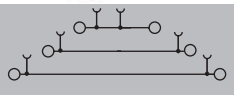
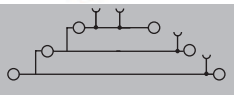
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 4 N-FT	50	**2724450000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
AEP 2T 4		20	**2540000000**
AEP 2T 4 BL		20	**2540010000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

	A3T 1.5	A3T 1.5 VL
	1.5 mm²	1.5 mm²
		
Width/Height/Depth mm	3.5 x 106.5 x 53	3.5 x 106.5 x 53
max. current / max. cond. cross-section A/mm²	15 / 1.5	15 / 1.5
Max. clamping range mm²	0.14...1.5 	0.14...1.5 

Technical data

	A3T 1.5	A3T 1.5 VL
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC 500	IEC 500
for wire cross-section mm²	15	15
Rated impulse withstand voltage / Pollution severity	1.5	1.5
Gauge to IEC 60947-1 / UL 94 flammability rating	UL 6 kV / 3	UL 6 kV / 3
Approvals	CSA A1 / V-0	CSA A1 / V-0
	EN 60079-7 CE	EN 60079-7 CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

Ordering data

Version	A3T 1.5	A3T 1.5 VL
	Type / Qty. / Order No.	Type / Qty. / Order No.
dark beige	A3T 1.5 / 50 / 2816930000	A3T 1.5 VL / 50 / 2817980000
Blue	A3T 1.5 BL / 50 / 2816940000	
Note		

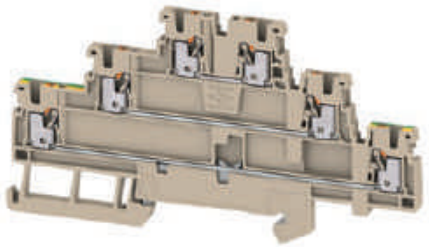
Accessories

	A3T 1.5				A3T 1.5 VL			
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole								
10-pole								
2-pole								
10-pole								
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000	ZQV 1.5N/10	17.5 A	20	1985580000
End plate								
dark beige	AEP 3T 1.5		20	2816950000	AEP 3T 1.5		20	2816950000
blue								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R	0.2 A	50	1991880000	ATPG 1.5 MI-R	0.2 A	50	1991880000
3-pole								
5-pole								
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDS 0.4X2.0X60		1	2749260000	SDS 0.4X2.0X60		1	2749260000
Marking tags								
	WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS		1600	2003750000
	SNAPMARK 1.5		40	2682080000	SNAPMARK 1.5		40	2682080000

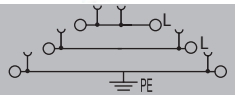
For detailed information on other accessories and application in the online catalogue

A3T 1.5 FT-FT-PE

1.5 mm²



3.5 x 106.5 x 53
15 / 1.5
0.14...1.5



IEC 60947-7-1 (-7-2)

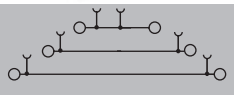
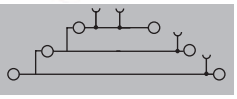
IEC	UL	CSA	EN 60079-7
500			
15			
1.5			
	6 kV / 3		
	A1 / V-0		

CE

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A3T 1.5 FT-FT-PE	50	**2817990000**

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	**1985410000**
ZQV 1.5N/10	17.5 A	20	**1985580000**
AEP 3T 1.5		20	**2816950000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 1.5 MI-R	0.2 A	50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**2749260000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
SNAPMARK 1.5		40	**2682080000**

	A3T 2.5	A3T 2.5 VL
	2.5 mm²	2.5 mm²
Width/Height/Depth mm	5.1 x 116 x 64.5	5.1 x 116 x 64.5
max. current / max. cond. cross-section A/mm²	22 / 4	24 / 4
Max. clamping range mm²	0.14...4	0.14...4
		

Technical data

	A3T 2.5	A3T 2.5 VL
Rated data		
Rated voltage V	800	800
Rated current A	22	24
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

	A3T 2.5	A3T 2.5 VL
DIN EN 60947-7-1	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
IEC	800	800
UL	300	300
CSA	300	300
EN 60079-7	550	550

	A3T 2.5	A3T 2.5 VL
IEC	22	24
UL	20	20
CSA	20	20
EN 60079-7	19	19

	A3T 2.5	A3T 2.5 VL
IEC	2.5	2.5
UL	AWG 28...12	AWG 28...12
CSA	AWG 28...12	AWG 28...12
EN 60079-7	2.5 mm²	2.5 mm²

Ordering data

Version	Type	Qty.	Order No.
dark beige	A3T 2.5	50	2428510000
Blue	A3T 2.5 BL	50	2428520000
Note			

Type	Qty.	Order No.
A3T 2.5 VL	25	2428540000
A3T 2.5 VL BL	25	2428850000

Accessories

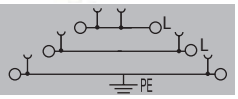
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
2-pole				
10-pole				
End plate				
dark beige	AEP 3T 2.5		20	2428560000
blue	AEP 3T 2.5 BL		20	2428860000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 3T 2.5		20	2428560000
AEP 3T 2.5 BL		20	2428860000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

A3T 2.5 FT-FT-PE — 2.5 mm²

5.1 x 116 x 64.5
24 / 4
0.14...4



DIN EN 60947-7-1, DIN EN 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

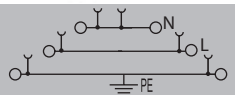
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 2.5 FT-FT-PE	50	**2428530000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 3T 2.5		20	**2428560000**
AEP 3T 2.5 BL		20	**2428860000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

A3T 2.5 N-FT-PE — 2.5 mm²

5.1 x 116 x 64.5
24 / 4
0.14...4



DIN EN 60947-7-1, DIN EN 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
			TUEV16ATEX7909U

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 2.5 N-FT-PE	50	**2428840000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 3T 2.5		20	**2428560000**
AEP 3T 2.5 BL		20	**2428860000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK I		50	**1805880000**

	AMC 2.5	2.5 mm²	AMC 2.5 800 V	2.5 mm²
Width/Height/Depth mm	5.1 x 107.5 x 88		6.1 x 107.5 x 88	
max. current / max. cond. cross-section A/mm²	22 / 2.5		22 / 2.5	
Max. clamping range mm²	0.14...2.5		0.14...2.5	

Technical data

	AMC 2.5	AMC 2.5 800 V
Rated data		
Rated voltage V	IEC 690 / UL 150 / CSA 150 / EN 60079-7 440	IEC 800 / UL 600 / CSA 600 / EN 60079-7 440
Rated current A	22 / 20 / 20 / 19	22 / 20 / 20 / 19
for wire cross-section mm²	2.5 / AWG 28...12 / AWG 28...12 / 2.5 mm²	2.5 / AWG 28...12 / AWG 28...12 / 2.5 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	TUEV16ATEX7909U	TUEV16ATEX7909U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

	Type	Qty.	Order No.
Version			
dark beige	AMC 2.5	50	2434340000
Note			

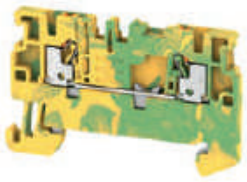
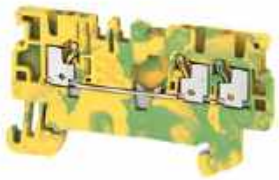
	Type	Qty.	Order No.
	AMC 2.5 800V	50	2434370000

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000
End plate				
dark beige	AEP MC 2.5		25	2433820000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

	Type		Qty.	Order No.
	ZVQ 2.5/1.5	24 A	50	1720700000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	PS 2.0 MC		20	0310000000
	SDIL 0,6X3,5X100		1	2749140000
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

	A2C 1.5 PE	1.5 mm²	A3C 1.5 PE	1.5 mm²
				
Width/Height/Depth mm	3.5 x 55 x 33.5		3.5 x 61.5 x 33.5	
max. current / max. cond. cross-section -/mm²	/ 1.5		/ 1.5	
Max. clamping range mm²	0.14...1.5		0.14...1.5	

Technical data

	A2C 1.5 PE	A3C 1.5 PE
Rated data		
for wire cross-section mm²	1.5	1.5
Rated voltage to adjoining terminal V	500	500
Rated impulse withstand voltage to adjacent terminal -		
Rated short-time current	180 A (1.5 mm²)	180 A (1.5 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A1 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm
Note		

	A2C 1.5 PE	A3C 1.5 PE
IEC 60947-7-2	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
IEC	1.5	1.5
UL	AWG 26...14	AWG 26...14
CSA	AWG 26...14	AWG 26...14
EN 60079-7	1.5 mm²	1.5 mm²
Rated connection		

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	A2C 1.5 PE	50	1552680000
	A3C 1.5 PE	50	1552670000

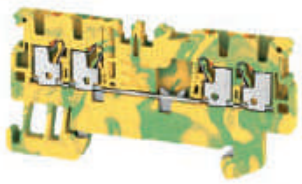
Note

Accessories

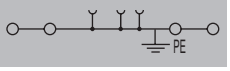
	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate						
dark beige	AEP 2C 1.5	50	1552600000	AEP 3C 1.5	50	1552620000
Blue						
End bracket						
dark beige, screwable	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0	20	2661280000	AEB 35 SCL/1 V0	20	2661280000
Test adapter						
1-pole	ATPG 1.5-10 L 0.2 A	50	1991890000	ATPG 1.5-10 L 0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R 0.2 A	50	1991880000	ATPG 1.5 MI-R 0.2 A	50	1991880000
3-pole						
5-pole						
Test plug						
	PS 2.0 MC	20	0310000000	PS 2.0 MC	20	0310000000
Screwdriver						
Standard	SDS 0.4X2.0X60	1	2749260000	SDS 0.4X2.0X60	1	2749260000
Marking tags						
	WS 10/3.5 PLUS MC NE WS	960	2003760000	WS 10/3.5 PLUS MC NE WS	960	2003760000
	DEK 5/3.5 MM WS	1000	2007100000	DEK 5/3.5 MM WS	1000	2007100000
	DEK 5/3.5 PLUS MC NE WS	1600	2003750000	DEK 5/3.5 PLUS MC NE WS	1600	2003750000

For detailed information on other accessories and application in the online catalogue

A4C 1.5 PE — 1.5 mm²



3.5 x 67.5 x 33.5
/ 1.5
0.14...1.5



Ex eb II C GbII
2 G D

IEC 60947-7-2			
IEC	**UL**	**CSA**	**EN 60079-7**
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
180 A (1.5 mm²)			
3			
A1 / V-0			

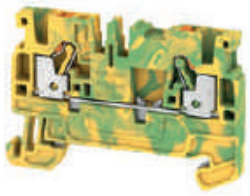
Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A4C 1.5 PE	50	**1552660000**

Type		Qty.	Order No.
AEP 4C 1.5		50	**1552640000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 1.5 MI-R	0.2 A	50	**1991880000**
PS 2.0 MC		20	**0310000000**
SDS 0.4X2.0X60		1	**2749260000**
WS 10/3.5 PLUS MC NE WS		960	**2003760000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

A2C 2.5 PE — 2.5 mm²



5.1 x 55 x 36.5
/ 4
0.14...4

Ex eb II C GbII
2 G D

IEC 60947-7-2			
IEC	**UL**	**CSA**	**EN 60079-7**
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800			
300 A (2.5 mm²)			
3			
A3 / V-0			

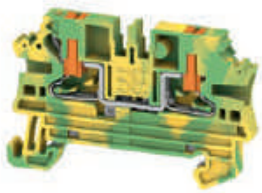
Rated connection

0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

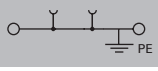
Type	Qty.	Order No.
A2C 2.5 PE	50	**1521680000**

Type		Qty.	Order No.
AEP 2C 2.5		50	**1514400000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

AL2C 2.5 PE — 2.5 mm²



5.1 x 57 x 36.5
/ 2.5
0.14...2.5



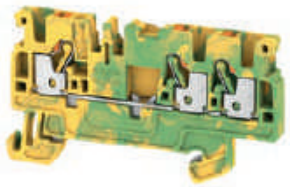
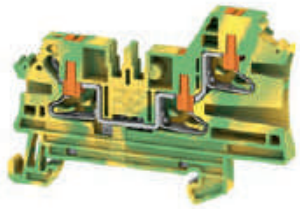
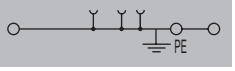
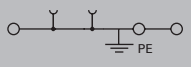
IEC 60947-7-2			
IEC	**UL**	**CSA**	**EN 60079-7**
2.5			
800			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2C 2.5 PE	50	**2847590000**

Type		Qty.	Order No.
ALEP 2C 2.5		20	**2871750000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**

	A3C 2.5 PE	2.5 mm²	AL3C 2.5 PE	2.5 mm²
				
Width/Height/Depth mm	5.1 x 66.5 x 36.5		5.1 x 68 x 48	
max. current / max. cond. cross-section -/mm²	/ 4		/ 2.5	
Max. clamping range mm²	0.14...4		0.14...2.5	

Technical data

Rated data					
	IEC	UL	CSA	EN 60079-7	
for wire cross-section	2.5	AWG 28...12	AWG 28...12	2.5	mm²
Rated voltage to adjoining terminal	800				V
Rated impulse withstand voltage to adjacent terminal					-
Rated short-time current	300 A (2.5 mm²)				
Pollution severity	3				
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0				
Approvals					
Clamped conductors (H05V/H07V)					
Solid / Stranded	0.5...2.5 / 0.5...4				mm²
Flexible / Flexible with ferrule	0.5...4 / 0.5...2.5				mm²
Stripping length / Blade size	10 / 0.6 x 3.5 mm				mm/-
Note					

Rated data					
	IEC	UL	CSA	EN 60079-7	
for wire cross-section	2.5				mm²
Rated voltage to adjoining terminal	800				V
Rated impulse withstand voltage to adjacent terminal					-
Rated short-time current	300 A (2.5 mm²)				
Pollution severity	3				
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0				
Approvals					
Clamped conductors (H05V/H07V)					
Solid / Stranded	0.5...2.5 / 0.5...2.5				mm²
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...2.5				mm²
Stripping length / Blade size	10 / 0.6 x 3.5 mm				mm/-
Note					

	A3C 2.5 PE	2.5 mm²	AL3C 2.5 PE	2.5 mm²
	IEC 60947-7-2	Ex eb II C Gbll 2 G D	IEC 60947-7-2	
Rated connection				
	0.5...2.5 / 0.5...4		0.5...2.5 / 0.5...2.5	
	0.5...4 / 0.5...2.5		0.5...2.5 / 0.5...2.5	
	10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

Ordering data

Version					
	Type		Qty.	Order No.	
Green/yellow	A3C 2.5 PE		50	1521670000	
Note					

Version					
	Type		Qty.	Order No.	
	AL3C 2.5 PE		50	2847600000	

Accessories

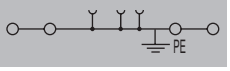
End plate					
	Type		Qty.	Order No.	
dark beige	AEP 3C 2.5		50	1521510000	
Blue					
End bracket					
dark beige, screwable	AEB 35 SC/1		50	1991920000	
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	
Test adapter					
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	
Test plug					
	PS 2.0 MC		20	0310000000	
Screwdriver					
Standard	SDIL 0,6X3,5X100		1	2749140000	
Marking tags					
	DEK 5/5 PLUS MC NE WS		1000	1854490000	
	DEK 5/5 MM WS		800	2007110000	
	WS 8/5 MM WS		800	2007150000	
	WS 10/5 M PLUS MC NE WS		600	2003770000	

	Type		Qty.	Order No.
	ALEP 3C 2.5		20	2871770000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	ATPG 2.5 MI-R	0.2 A	50	1991960000
	ATPG 2.5/3	0.2 A	25	2041190000
	ATPG 2.5/5	0.2 A	25	2041180000
	PS 2.0 MC		20	0310000000
	SDIL 0,6X3,5X100		1	2749140000
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A4C 2.5 PE — 2.5 mm²

5.1 x 77.5 x 36.5
/ 4
0.14...4



IEC 60947-7-2 — Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800			

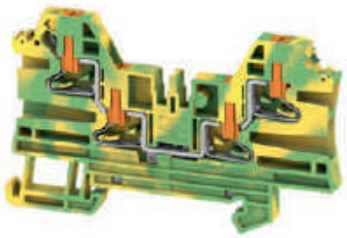
300 A (2.5 mm²)
3
A3 / V-0

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

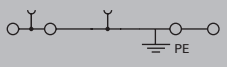
Type	Qty.	Order No.
A4C 2.5 PE	50	1521540000

Type		Qty.	Order No.
AEP 4C 2.5		50	1521530000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

AL4C 2.5 PE — 2.5 mm²



5.1 x 79.5 x 48
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			

300 A (2.5 mm²)
3
A3 / V-0

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 2.5 PE	50	2847610000

Type		Qty.	Order No.
ALEP 4C 2.5		20	2871790000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A2C 4 PE — 4 mm²

6.1 x 60 x 39.5
/ 6
0.14...6

IEC 60947-7-2 — Ex eb II C GbII 2 G D

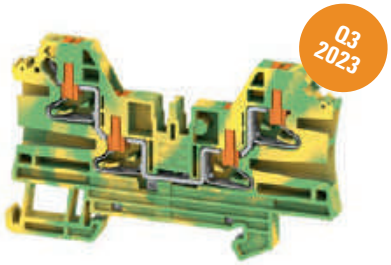
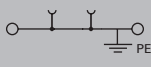
IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm²
800			

480 A (4 mm²)
3
A4 / V-0

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 4 PE	50	2051360000

Type		Qty.	Order No.
AEP 2C 4		50	2051680000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	AL2C 4 PE	4 mm²	A3C 4 PE	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 39.5		6.1 x 74 x 39.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 6	
Max. clamping range mm²	0.14...4		0.14...6	

Technical data

	AL2C 4 PE	A3C 4 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V		Ex eb II C GbII 2 G D
Rated impulse withstand voltage to adjacent terminal -		
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		
Note		

AL2C 4 PE				A3C 4 PE			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
4				4	AWG 28...10	AWG 26...10	4 mm²
800				800			
		480 A (4 mm²)				480 A (4 mm²)	
		3				3	
		A4 / V-0				A4 / V-0	
Rated connection				**Rated connection**			
0.5...4 / 0.5...4				0.5...4 / 0.5...6			
0.5...4 / 0.5...4				0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	AL2C 4 PE	50	2847740000
Note			

Type	Qty.	Order No.
A3C 4 PE	50	2051410000

Accessories

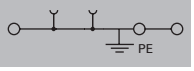
	Type		Qty.	Order No.
End plate				
dark beige	ALEP 2C 4			2871810000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 4 MI-R	0.2 A	50	1991860000
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 PLUS MC NE WS		1000	1011320000

Type		Qty.	Order No.
AEP 3C 4		20	2051720000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

AL3C 4 PE — 4 mm²

6.1 x 71.5 x 52.5
/ 4
0.14...4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			
800			

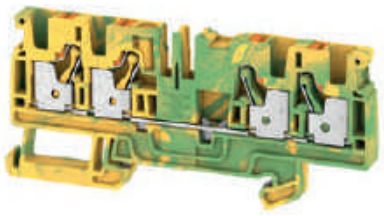
480 A (4 mm²)
3
A4 / V-0

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

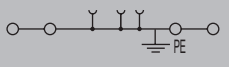
Type	Qty.	Order No.
AL3C 4 PE	50	2847750000

Type		Qty.	Order No.
ALEP 3C 4			2871830000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A4C 4 PE — 4 mm²



6.1 x 87.5 x 39.5
/ 6
0.14...6



Ex eb II C Gbll
2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm²
800			

480 A (4 mm²)
3
A4 / V-0

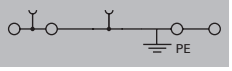
Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 4 PE	50	2051560000

Type		Qty.	Order No.
AEP 4C 4		20	2051900000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

AL4C 4 PE — 4 mm²

6.1 x 83 x 52.5
/ 4
0.14...4



IEC 60947-7-2

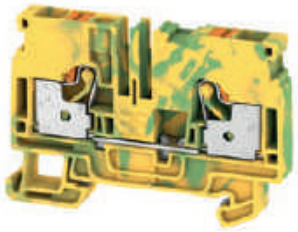
IEC	UL	CSA	EN 60079-7
4			
800			

480 A (4 mm²)
3
A4 / V-0

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 4 PE	50	2847770000

Type		Qty.	Order No.
ALEP 4C 4			2871850000
ALEP 3C 4 BL			2871840000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	A2C 6 PE	A3C 6 PE
	6 mm²	6 mm²
		
Width/Height/Depth mm	8.1 x 66.5 x 45.5	8.1 x 84.5 x 45.5
max. current / max. cond. cross-section -/mm²	/ 10	/ 10
Max. clamping range mm²	0.34...10	0.34...10

Technical data

	A2C 6 PE	A3C 6 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
Rated impulse withstand voltage to adjacent terminal -	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated short-time current	6 / AWG 22...8 / AWG 22...8 / 6 mm²	6 / AWG 22...8 / AWG 22...8 / 6 mm²
Pollution severity	800	800
Gauge to IEC 60947-1 / UL 94 flammability rating	720 A (6 mm²)	720 A (6 mm²)
Approvals	3	3
	A5 / V-0	A5 / V-0
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

	A2C 6 PE	A3C 6 PE
Version		
Green/yellow		
Note		
Type	A2C 6 PE	A3C 6 PE
Qty.	50	50
Order No.	1991810000	1991850000

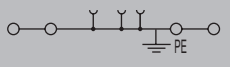
Accessories

		A2C 6 PE			A3C 6 PE		
End plate	**Type**		**Qty.**	**Order No.**		**Qty.**	**Order No.**
dark beige		AEP 2C 6	50	1991970000	AEP 3C 6	50	1991940000
Blue							
End bracket							
dark beige, screwable		AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
dark beige, direct mounting		AEB 35 SCL/1 V0	20	2661280000	AEB 35 SCL/1 V0	20	2661280000
Test adapter							
1-pole		ATPG 1.5-10 L	0.2 A 50	1991890000	ATPG 1.5-10 L	0.2 A 50	1991890000
stackable		ATPG 6 MI-R	0.2 A 50	1991930000	ATPG 6 MI-R	0.2 A 50	1991930000
3-pole							
5-pole							
Test plug							
		PS 2.0 MC	20	0310000000	PS 2.0 MC	20	0310000000
Screwdriver							
Standard		SDIL 1,0X5,5X125	1	2749160000	SDIL 1,0X5,5X125	1	2749160000
Marking tags							
		DEK-A 5/8 MM WS	500	2448860000	DEK-A 5/8 MM WS	500	2448860000
		DEK 5/8 PLUS MC NE WS	800	1046350000	DEK 5/8 PLUS MC NE WS	800	1046350000
		WS-A 8/8 MM WS	500	2448930000	WS-A 8/8 MM WS	500	2448930000
		WS 10/8 PLUS MC NE WS	420	1905950000	WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue

A4C 6 PE — 6 mm²

8.1 x 102 x 45.5
41 / 10
0.34...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
800			

720 A (6 mm²)
3
A5 / V-0

Rated connection
0.5...6 / 0.5...6
0.5...10 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A4C 6 PE	50	2881490000

Type		Qty.	Order No.
AEP 4C 6			2876180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MI-R	0.2 A	50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS-A 8/8 MM WS		500	2448930000
WS 10/8 PLUS MC NE WS		420	1905950000

A2C 10 PE — 10 mm²

10 x 80.5 x 51.5
/ 16
0.5...16

Ex eb II C Gbll
2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	10 mm²
1000			

1200 A (10 mm²)
3
A6 / V-0

Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 10 PE	25	2490440000

Type		Qty.	Order No.
AEP 2C 10/16		20	2490380000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

A3C 10 PE — 10 mm²

10 x 102 x 51.5
/ 16
0.5...16

Ex eb II C Gbll
2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	10 mm²
1000			

1200 A (10 mm²)
3
A6 / V-0

Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A3C 10 PE	25	2490590000

Type		Qty.	Order No.
AEP 3C 10/16		20	2490530000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

	A2C 16 PE	16 mm²	A3C 16 PE	16 mm²
Width/Height/Depth mm	12 x 80.5 x 51.5		12 x 102 x 51.5	
max. current / max. cond. cross-section -/mm²	/ 25		/ 25	
Max. clamping range mm²	0.5...25		0.5...25	

Technical data

Rated data						
for wire cross-section mm²	IEC 60947-7-2					
Rated voltage to adjoining terminal V	IEC	UL	CSA	EN 60079-7		
Rated impulse withstand voltage to adjacent terminal -	16	AWG 18...6	AWG 18...6	16 mm²		
Rated short-time current	1000					
Pollution severity	1920 A (16 mm²)					
Gauge to IEC 60947-1 / UL 94 flammability rating	3					
Approvals	A6 / V-0					
Clamped conductors (H05V/H07V)	**Rated connection**					
Solid / Stranded mm²	0.5...16 / 10...25					
Flexible / Flexible with ferrule mm²	0.5...25 / 0.5...16					
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm					
Note						

Rated data						
for wire cross-section mm²	IEC 60947-7-2					
Rated voltage to adjoining terminal V	IEC	UL	CSA	EN 60079-7		
Rated impulse withstand voltage to adjacent terminal -	16	AWG 18...6	AWG 18...6	16 mm²		
Rated short-time current	1000					
Pollution severity	1920 A (16 mm²)					
Gauge to IEC 60947-1 / UL 94 flammability rating	3					
Approvals	A6 / V-0					
Clamped conductors (H05V/H07V)	**Rated connection**					
Solid / Stranded mm²	0.5...16 / 10...25					
Flexible / Flexible with ferrule mm²	0.5...25 / 0.5...16					
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm					
Note						

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	A2C 16 PE	20	2494010000
Note			

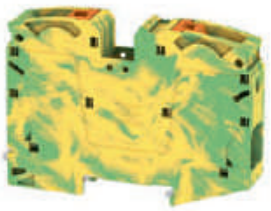
Version	Type	Qty.	Order No.
Green/yellow	A3C 16 PE	20	2494020000
Note			

Accessories

End plate	Type		Qty.	Order No.
dark beige	AEP 2C 10/16		20	2490380000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable				
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS-A 8/12 MM WS		300	2619900000
	WS 10/8 PLUS MC NE WS		420	1905950000

End plate	Type		Qty.	Order No.
dark beige	AEP 3C 10/16		20	2490530000
Blue				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable				
3-pole				
5-pole				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS-A 8/12 MM WS		300	2619900000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

	A2C 35 PE	35 mm²	A2C 50/70 PE	50 mm²
				
Width/Height/Depth mm	16 x 101 x 71.5		20 x 101.5 x 80.5	
max. current / max. cond. cross-section -/mm²	/ 35		/ 70	
Max. clamping range mm²	2.5...35		10...70	

Technical data

Rated data						
for wire cross-section	mm²	IEC 60947-7-2				
Rated voltage to adjoining terminal	V/V DC	IEC	UL	CSA	EN 60079-7	
Rated impulse withstand voltage to adjacent terminal	-	35	AWG 12...2	AWG 12...2	35 mm²	
Rated short-time current		1000 / 1500				
Pollution severity				4200 A (35 mm²)		
Gauge to IEC 60947-1 / UL 94 flammability rating				3		
Approvals				/ V-0		
Clamped conductors (H05V/H07V)						
Solid / Stranded	mm²	**Rated connection**				
Flexible / Flexible with ferrule	mm²	2.5...16 / 10...35				
Stripping length / Blade size	mm/-	10...35 / 2.5...35				
		25 / 1.0 x 5.5 mm				

Rated data						
for wire cross-section	mm²	IEC 60947-7-2				
Rated voltage to adjoining terminal	V/V DC	IEC	UL	CSA	EN 60079-7	
Rated impulse withstand voltage to adjacent terminal	-	50	AWG 8...0	AWG 8...NaN		
Rated short-time current		1000 / 1500				
Pollution severity				6000 A (50 mm²)		
Gauge to IEC 60947-1 / UL 94 flammability rating				3		
Approvals				/ V-0		
Clamped conductors (H05V/H07V)						
Solid / Stranded	mm²	**Rated connection**				
Flexible / Flexible with ferrule	mm²	10...70 / 10...70				
Stripping length / Blade size	mm/-	10...70 / 10...50				
		30 / 1.0 x 5.5 mm				

Note	
	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	A2C 35 PE	10	2551520000
Note			

Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000
For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.		

Accessories

End plate	Type		Qty.	Order No.	Type		Qty.	Order No.
dark beige								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable								
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDS 1.0X5.5X150		1	2749380000	SDS 1.0X5.5X150		1	2749380000
Marking tags								
	WS-A 8/16 MM WS		200	2619910000	WS-A 8/16 MM WS		200	2619910000
Additional tap								
green/yellow	AAC 35 2X6 GN-YL	41 A	5	2583180000	AAC 50-185 2X10 GN-YL	57 A	5	2663440000
Warning labels								
	AAM 35-185 YE FLASH		40	2635600000	AAM 35-185 YE FLASH		40	2635600000

For detailed information on other accessories and application in the online catalogue

	A2C 95/120 PE	A2T 1.5 PE
	95 mm²	1.5 mm²
Width/Height/Depth mm	25 x 101.5 x 90	3.5 x 84 x 45
max. current / max. cond. cross-section -/mm²	/ 120	/ 1.5
Max. clamping range mm²	25...120	0.14...1.5

Technical data

	A2C 95/120 PE	A2T 1.5 PE
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V/V DC		Ex eb II C GbII 2 G D
Rated impulse withstand voltage to adjacent terminal -		
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

	IEC	UL	CSA	EN 60079-7
A2C 95/120 PE	95	AWG 4...0		
	1000 / 1500			
			14400 A (120 mm²)	
			3	
			/ V-0	
Rated connection				
	25...120 / 25...120			
	25...120 / 25...95			
	40 / 1.0 x 5.5 mm			

	IEC	UL	CSA	EN 60079-7
A2T 1.5 PE	1.5	AWG 26...14	AWG 26...14	1.5 mm²
	500 /			
			180 A (1.5 mm²)	
			3	
			A1 / V-0	
Rated connection				
	0.5...1.5 / 0.5...1.5			
	0.5...1.5 / 0.5...1			
	8 / 0.4 x 2.0 mm			

Note

A2C 95/120 PE: If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	A2C 95/120 PE	5	2694090000
Note	For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.		

Type	Qty.	Order No.
A2T 1.5 PE	50	2469410000

Accessories

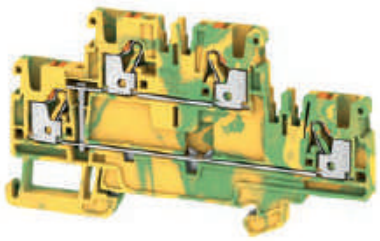
	Type		Qty.	Order No.
End plate				
dark beige				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable				
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDS 1.0X5.5X150		1	2749380000
Marking tags				
	WS-A 8/16 MM WS		200	2619910000
Additional tap				
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	2663440000
Warning labels				
	AAM 35-185 YE FLASH		40	2635600000

Type		Qty.	Order No.
AEP 2T 1.5		20	2469420000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDIS 0.4X2.0X60		1	2749780000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

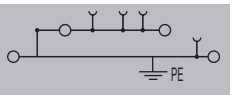
For detailed information on other accessories and application in the online catalogue

A2T 2.5 PE

2.5 mm²



5.1 x 90 x 50.5
/ 4
0.14...4



IEC 60947-7-2

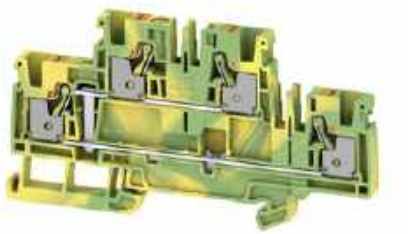
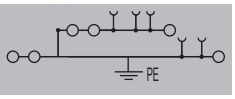
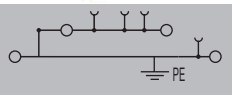
Ex eb II C GbII
2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800 /			
	300 A (2.5 mm²)		
	3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 PE	50	**1547680000**

Type		Qty.	Order No.
AEP 2T 2.5		20	**1547690000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
SNAPMARK 1.5		40	**2682080000**
WS 8/5 MM WS		800	**2007150000**

	A2T 2.5 3C PE	2.5 mm²	A2T 4 PE	4 mm²
				
Width/Height/Depth mm	5.1 x 114.2 x 64		6.1 x 100 x 53.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 6	
Max. clamping range mm²	0.14...4		0.14...6	

Technical data

	A2T 2.5 3C PE	2.5 mm²	A2T 4 PE	4 mm²
Rated data				
for wire cross-section mm²	IEC 60947-7-2		IEC 60947-7-2	
Rated voltage to adjoining terminal V	IEC: 2.5 / UL: AWG 28...12 / CSA: / EN 60079-7: 2.5 mm²		IEC: 4 / UL: AWG 26...10 / CSA: / EN 60079-7: 4 mm²	
Rated impulse withstand voltage to adjacent terminal -	800		800	
Rated short-time current			8	
Pollution severity	300 A (2.5 mm²)		480 A (4 mm²)	
Gauge to IEC 60947-1 / UL 94 flammability rating	3		3	
Approvals	A3 / V-0		A4 / V-0	
Clamped conductors (H05V/H07V)	**Rated connection**		**Rated connection**	
Solid / Stranded mm²	0.5...2.5 / 0.5...4		0.5...4 / 0.5...6	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5		0.5...6 / 0.5...4	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm		12 / 0.6 x 3.5 mm	
Note				

Ordering data

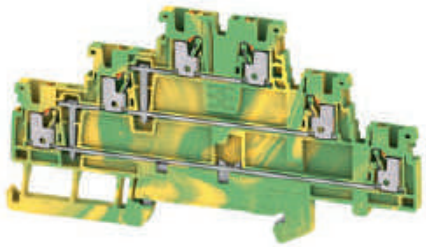
	A2T 2.5 3C PE	2.5 mm²	A2T 4 PE	4 mm²
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
Green/yellow	A2T 2.5 3C PE	50	**2531320000**	A2T 4 PE	50	**2539990000**
Note						

Accessories

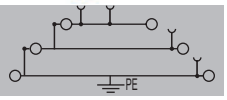
	A2T 2.5 3C PE	2.5 mm²	A2T 4 PE	4 mm²
End plate	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	AEP 2T 2.5 3C	20	**2532690000**	AEP 2T 4	20	**2540000000**
End bracket						
dark beige, screwable	AEB 35 SC/1	50	**1991920000**	AEB 35 SC/1	50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0	20	**2661280000**	AEB 35 SCL/1 V0	20	**2661280000**
Test adapter						
1-pole	ATPG 1.5-10 L 0.2 A	50	**1991890000**	ATPG 1.5-10 L 0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R 0.2 A	50	**1991960000**	ATPG 4 MI-R 0.2 A	50	**1991860000**
Test plug						
	PS 2.0 MC	20	**0310000000**	PS 2.0 MC	20	**0310000000**
Screwdriver						
Standard	SDIL 0,6X3,5X100	1	**2749140000**	SDIL 0,6X3,5X100	1	**2749140000**
Marking tags						
	WS 10/5 M PLUS MC NE WS	600	**2003770000**	DEK 5/6 PLUS MC NE WS	1000	**1011320000**
	WS 8/5 MM WS	800	**2007150000**	WS 8/6 MM WS	600	**2007160000**
	DEK 5/5 MM WS	800	**2007110000**	DEK 5/6 MM WS	600	**2007120000**
	DEK 5/5 PLUS MC NE WS	1000	**1854490000**	WS 10/6 M PLUS MC NE WS	600	**2003780000**
				SNAPMARK I	50	**1805880000**

For detailed information on other accessories and application in the online catalogue

A3T 1.5 PE — 1.5 mm²



3.5 x 106.5 x 57
/ 1.5
0.14...1.5



IEC 60947-7-2

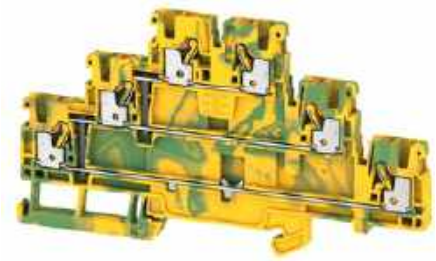
IEC	UL	CSA	EN 60079-7
1.5			
500			
	3		
	A1 / V-0		
CE			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
8 / 0.4 x 2.0 mm

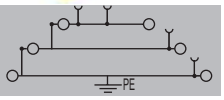
Type	Qty.	Order No.
A3T 1.5 PE	50	2818000000

Type		Qty.	Order No.
AEP 3T 1.5		20	2816950000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
DEK 5/3.5 MM WS		1000	2007100000
WS 10/3.5 PLUS MC NE WS		960	2003760000
SNAPMARK 1.5		40	2682080000

A3T 2.5 PE — 2.5 mm²



5.1 x 116 x 64.5
/ 4
0.14...4



Ex eb II C GbII
2 G D

DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm²
800			
	300 A (2.5 mm²)		
	3		
	A3 / V-0		

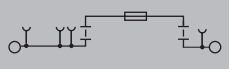
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 2.5 PE	50	2428550000

Type		Qty.	Order No.
AEP 3T 2.5		20	2428560000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/5 M PLUS MC NE WS		600	2003770000
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000
DEK 5/5 PLUS MC NE WS		1000	1854490000
SNAPMARK I		50	1805880000

AFS 2.5 CF 2C — 2.5 mm²

Width/Height/Depth	5.1 x 77.5 x 37.65 mm
max. current / max. cond. cross-section	10 / 4 A/mm²
Max. clamping range	0.14...4 mm²



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	

In accordance with IEC 60947-7-3

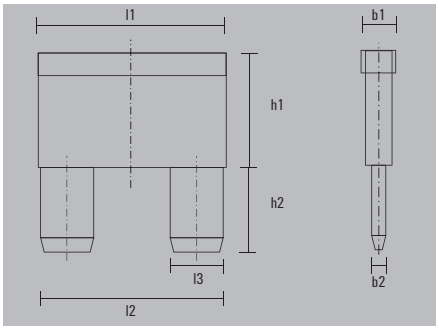
IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	16	16	
2.5	AWG 28...12	AWG 28...12	
		/ 3	
		A3 /	

CE cULus EAC

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Dimensions for blade-type fuse inserts according to DIN 72581-3:2001-03



b1 max.	b2 ± 0.4	h1 max.	h2 ± 0.2	l1 max.	l2 ± 0.3	l3 ± 0.2
4	0.82	9	7.5	12	10.9	2.8

Ordering data

Version	Type	Qty.	Order No.
400 V DC	AFS 2.5 CF 2C BK	50	2466530000
12 V DC	AFS 2.5 CF 2C 12V BK	50	2466610000
24 V DC	AFS 2.5 CF 2C 24V BK	50	2466600000

Note

Accessories

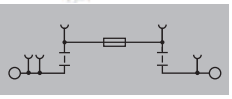
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
Black	AEP 4C 2.5 BK		50	2486660000
Test plug				
	PS 2.0 MC		20	0310000000
Terminal blocks identical in contour				
	A3C 2.5	24 A	100	1521740000
	A3C 2.5 PE		50	1521670000
	ADT 2.5 2C	20 A	50	1989800000
	A2C 2.5 /DT/FS	24 A	100	1989900000
	A2C 2.5 PE /DT/FS		50	1989890000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

AFS 4 2C — 4 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

6.1 x 74 x 68
6.3 / 6
0.14...6



DIN EN 60947-7-3

Ex ec II C Gc — II 3 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	150 (C)	
6.3	10	10	6.3
4	AWG 26...10	AWG 26...10	4 mm²
		4 kV / 3	
		A4 / V-0	
			TUEV17ATEX8064U

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	AFS 4 2C BK	50	2429860000
10–36 V AC/DC, with LED	AFS 4 2C 10-36V BK	50	2429870000
30–70 V AC/DC, with LED	AFS 4 2C 30-70V BK	50	2434350000
60–150 V AC/DC, with LED	AFS 4 2C 60-150V BK	50	2434380000
100 – 250 V AC/DC, with LED	AFS 4 2C 100-250V BK	50	2434390000

Note

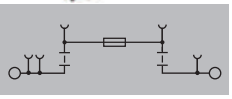
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
End plate				
Black	AEP 3C 4 BK		20	2486640000
Test plug				
	PS 2.0 MC		20	0310000000
Terminal blocks identical in contour				
	A3C 4	32 A	50	2051240000
	A3C 4 PE		50	2051410000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000

For detailed information on other accessories and application in the online catalogue

AFS 4 2C BK/BL — 4 mm²

Width/Height/Depth	6.1 x 74 x 68 mm
max. current / max. cond. cross-section	**6.3 / 6** A/mm²
Max. clamping range	**0.14...6** mm²



Technical data

DIN EN 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	150 (C)	150 (C)	
Rated current	6.3	10	10	6.3
for wire cross-section	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals				TUEV17ATEX8064U
Clamped conductors (H05V/H07V)				
Solid / Stranded	0.5...4 / 0.5...6 mm²			
Flexible / Flexible with ferrule	0.5...6 / 0.5...4 mm²			
Stripping length / Blade size	12 / 0.6 x 3.5 mm			

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A

Note

Ordering data

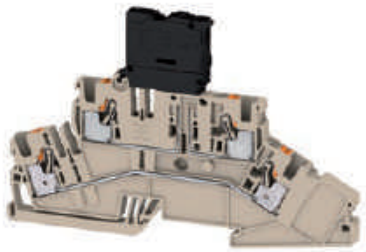
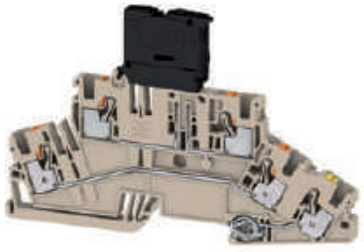
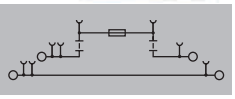
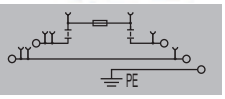
Version	Type	Qty.	Order No.
500 V AC/DC, without LED	AFS 4 2C BK/BL	50	**2548140000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
Black	AEP 3C 4 BK		20	**2486640000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour				
	A3C 4	32 A	50	**2051240000**
	A3C 4 PE		50	**2051410000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

		A2T 4 FS-FT	4 mm²	A2T 4 FS-FT-PE	4 mm²
					
Width/Height/Depth	mm	6.1 x 126.5 x 83.5		6.1 x 126.5 x 83.5	
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range	mm²	**0.14...6**		**0.14...6**	

Technical data

Rated data		IEC 60947-7-3, IEC 60947-7-1				IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	500				500			
Rated current	A	6.3				6.3			
for wire cross-section	mm²	4				4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A4 / V-0				A4 / V-0	
Approvals		CE				CE			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...6				0.5...4 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Stripping length / Blade size		12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note									

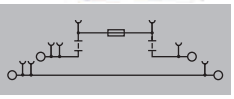
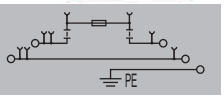
Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED		A2T 4 FS-FT	50	**2831500000**	A2T 4 FS-FT-PE	50	**2831510000**
10–36 V AC/DC, with LED							
30–70 V AC/DC, with LED							
60–150 V AC/DC, with LED							
100 – 250 V AC/DC, with LED							
Note							

Accessories

		Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection		ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
2-pole		ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
10-pole									
End plate		AEP 2T 4 FS		20	**2817060000**	AEP 2T 4 FS		20	**2817060000**
dark beige									
Test plug		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour									
		A2T 4 DT-FT	20 A	50	**2831520000**	A2T 4 DT-FT	20 A	50	**2831520000**
		A2T 4 DT-FT-PE	20 A	50	**2831530000**	A2T 4 DT-FT-PE	20 A	50	**2831530000**
		A2T 4 FS-FT-PE	6.3 A	50	**2831510000**	A2T 4 FS-FT	6.3 A	50	**2831500000**
Screwdriver									
Standard		SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags									
		DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
		WS 10/6 M PLUS MC NE WS		600	**2003780000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
		WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)									
0.25 A fast		G 20/0.25A/F	0.25 A	10	**0430500000**	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast		G 20/0.50A/F	0.5 A	10	**0430600000**	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast		G 20/1.00A/F	1 A	10	**0430700000**	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast		G 20/2.00A/F	2 A	10	**0430900000**	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

		A2T 4 FS-FT BK	4 mm²	A2T 4 FS-FT-PE BK	4 mm²
Width/Height/Depth	mm	6.1 x 126.5 x 83.5		6.1 x 126.5 x 83.5	
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**		**6.3 / 6**	
Max. clamping range	mm²	**0.14...6**		**0.14...6**	 PE

Technical data

Rated data		IEC 60947-7-3, IEC 60947-7-1				IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	500				500			
Rated current	A	6.3				6.3			
for wire cross-section	mm²	4				4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A4 / V-0				A4 / V-0	
Approvals		CE				CE			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...6				0.5...4 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Stripping length / Blade size		12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note									

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED		A2T 4 FS-FT BK	50	**2816960000**	A2T 4 FS-FT-PE BK	50	**2817010000**
10–36 V AC/DC, with LED		A2T 4 FS-FT 10-36V BK	50	**2816970000**	A2T 4 FS-FT-PE 10-36V BK	50	**2817020000**
30–70 V AC/DC, with LED		A2T 4 FS-FT 30-70V BK	50	**2816980000**	A2T 4 FS-FT-PE 30-70V BK	50	**2817030000**
60–150 V AC/DC, with LED		A2T 4 FS-FT 60-150V BK	50	**2816990000**	A2T 4 FS-FT-PE 60-150V BK	50	**2817040000**
100 – 250 V AC/DC, with LED		A2T 4 FS-FT 100-250V BK	50	**2817000000**	A2T 4 FS-FT-PE 100-250V BK	50	**2817050000**
Note							

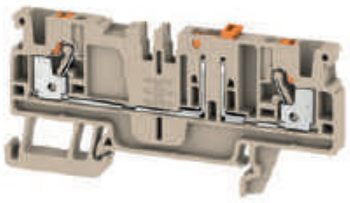
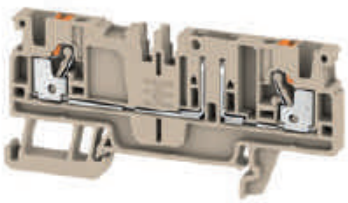
Accessories

Plug-in cross-connection		Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole		ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole		ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate									
dark beige		AEP 2T 4 FS		20	**2817060000**	AEP 2T 4 FS		20	**2817060000**
Test plug									
		PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Terminal blocks identical in contour									
		A2T 4 DT-FT	20 A	50	**2831520000**	A2T 4 DT-FT	20 A	50	**2831520000**
		A2T 4 DT-FT-PE	20 A	50	**2831530000**	A2T 4 DT-FT-PE	20 A	50	**2831530000**
		A2T 4 FS-FT-PE BK	6.3 A	50	**2817010000**	A2T 4 FS-FT BK	6.3 A	50	**2816960000**
Screwdriver									
Standard		SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags									
		DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
		WS 10/6 M PLUS MC NE WS		600	**2003780000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
		WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)									
0.25 A fast		G 20/0.25A/F	0.25 A	10	**0430500000**	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast		G 20/0.50A/F	0.5 A	10	**0430600000**	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast		G 20/1.00A/F	1 A	10	**0430700000**	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast		G 20/2.00A/F	2 A	10	**0430900000**	G 20/2.00A/F	2 A	10	**0430900000**

For detailed information on other accessories and application in the online catalogue

VDS180 SV7.62

Type	Qty.	Order No.
VDS180 SV7.62	50	1853940000

	ADT 2.5 2C	2.5 mm²	ADT 2.5 2C W/O DTLV	2.5 mm²
				
Width/Height/Depth mm	5.1 x 77.5 x 37.65		5.1 x 77.5 x 36.5	
max. current / max. cond. cross-section A/mm²	**20 / 4**		**20 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

Rated data				
	IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A	20	20	20	
for wire cross-section mm²	2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Rated data				
	IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300	
Rated current A	20	20	20	
for wire cross-section mm²	2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	ADT 2.5 2C	50	1989800000
Blue	ADT 2.5 2C BL	50	1989810000
without isolator			
Note			

Type	Qty.	Order No.
ADT 2.5 2C W/O DTLV	50	1989930000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
End plate				
dark beige	AEP 4C 2.5		50	1521530000
Blue	AEP 4C 2.5 BL		50	1521640000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
End plate				
dark beige	AEP 4C 2.5		50	1521530000
Blue	AEP 4C 2.5 BL		50	1521640000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A2C 2.5 /DT/FS — 2.5 mm²

5.1 x 77.5 x 36.5
24 / 4
0.14...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

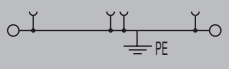
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 2.5 /DT/FS	100	1989900000
A2C 2.5 /DT/FS BL	100	1989910000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

A2C 2.5 PE /DT/FS — 2.5 mm²

5.1 x 77.5 x 36.5
/ 4
0.14...4



IEC 60947-7-2

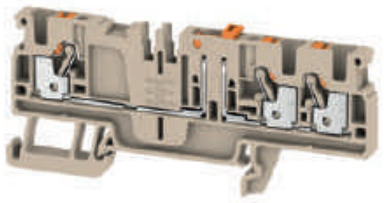
IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

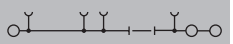
Type	Qty.	Order No.
A2C 2.5 PE /DT/FS	50	1989890000

Type		Qty.	Order No.
AEP 4C 2.5		50	1521530000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

ADT 2.5 3C — 2.5 mm²



5.1 x 84.5 x 37.65
20 / 4
0.14...4



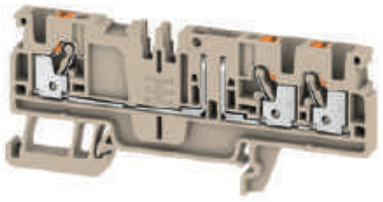
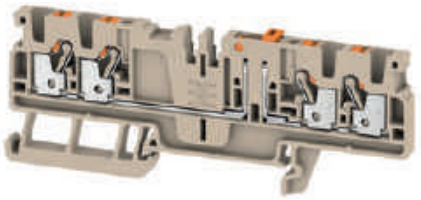
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 3C	50	1989830000
ADT 2.5 3C BL	50	1989840000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 3C		50	1989970000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

	ADT 2.5 3C W/O DTLV	2.5 mm²	ADT 2.5 4C	2.5 mm²
				
Width/Height/Depth mm	5.1 x 84.5 x 36.5		5.1 x 96 x 37.65	
max. current / max. cond. cross-section A/mm²	**20 / 4**		**20 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

Rated data	ADT 2.5 3C W/O DTLV	ADT 2.5 4C
Rated voltage of feed-through terminal V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Number of operating cycles		
Approvals		

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			

Clamped conductors (H05V/H07V)	ADT 2.5 3C W/O DTLV	ADT 2.5 4C
Solid / Stranded mm²	0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

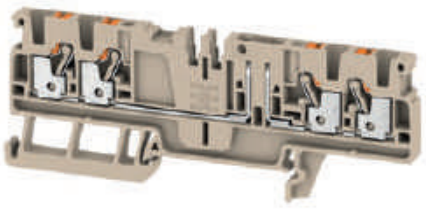
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige				ADT 2.5 4C	50	1989860000
Blue				ADT 2.5 4C BL	50	1989870000
without isolator	ADT 2.5 3C W/O DTLV	50	1989940000			
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
2-pole								
10-pole								
End plate								
dark beige	AEP DT 2.5 3C		50	1989970000	AEP DT 2.5 4C		50	1989980000
Blue								
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	0.2 A	25	2041180000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

ADT 2.5 4C W/O DTLV — 2.5 mm²



5.1 x 96 x 36.5
20 / 4
0.14...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ADT 2.5 4C W/O DTLV		50	1989950000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP DT 2.5 4C		50	1989980000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

ADT 4 2C — 4 mm²

6.1 x 74 x 41
20 / 6
0.14...6

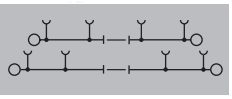
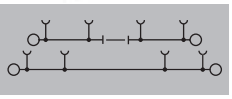
IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
4	AWG 26...10	AWG 26...10	
	4 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 4 2C	50	2429850000
ADT 4 2C BL	50	2429880000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 4C 4		20	2051900000
AEP 4C 4 BL		20	2051910000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	A2T 2.5 DT/DT	2.5 mm²	A2T 2.5 DT/FT	2.5 mm²
Width/Height/Depth mm	5.1 x 115 x 50.5		5.1 x 115 x 50.5	
max. current / max. cond. cross-section A/mm²	**16 / 4**		**16 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

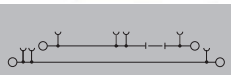
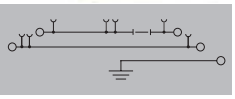
	A2T 2.5 DT/DT				A2T 2.5 DT/FT			
IEC 60947-7-1								
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage of feed-through terminal V	400	300	300		400	300	300	
Rated current A	16	19	19		16	19	19	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12		2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0				A3 / V-0		
Number of operating cycles								
Approvals								
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	A2T 2.5 DT/DT	50	**2744110000**	A2T 2.5 DT/FT	50	**2744130000**
Blue	A2T 2.5 DT/DT BL	50	**2744120000**	A2T 2.5 DT/FT BL	50	**2744140000**
Note						

Accessories

	Type		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**	ZQV 2.5N/10	24 A	20	**1527690000**
End plate								
dark beige	AEP DT 2.5 2T		20	**2744150000**	AEP DT 2.5 2T		20	**2744150000**
blue	AEP DT 2.5 2T BL		20	**2744160000**	AEP DT 2.5 2T BL		20	**2744160000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug								
orange	TNST OR	20 A	50	**2463540000**	TNST OR	20 A	50	**2463540000**
removable, as replacement for release lever	TNST	20 A	50	**1833090000**	TNST	20 A	50	**1833090000**
Module connector (max, 250 V)								
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**	BEST/DRBR	22 A	50	**1878570000**
For detailed information on other accessories and application in the online catalogue								

	A2T 4 DT-FT	4 mm²	A2T 4 DT-FT-PE	4 mm²
Width/Height/Depth mm	6.1 x 126.5 x 56.5		6.1 x 126.5 x 56.5	
max. current / max. cond. cross-section A/mm²	**20 / 6**		**20 / 6**	
Max. clamping range mm²	**0.14...6**		**0.14...6**	

Technical data

	A2T 4 DT-FT	A2T 4 DT-FT-PE
Rated data	IEC 60947-7-1, IEC 60947-7-2	IEC 60947-7-1, IEC 60947-7-2
Rated voltage of feed-through terminal V	250	250
Rated current A	20	20
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Number of operating cycles		
Approvals	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Clamped conductors (H05V/H07V)	CE	CE
Solid / Stranded mm²	0.5...4 / 0.5...6	0.5...4 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2T 4 DT-FT	50	**2831520000**	A2T 4 DT-FT-PE	50	**2831530000**
without isolator, dark beige	A2T 4 DT-FT W/O DTLV	50	**2831540000**	A2T 4 DT-FT-PE W/O DTLV	50	**2831550000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	AEP 2T 4 FS		20	**2817060000**	AEP 2T 4 FS		20	**2817060000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 4 MI-R	0.2 A	50	**1991860000**	ATPG 4 MI-R	0.2 A	50	**1991860000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags								
	WS 10/6 M PLUS MC NE WS		600	**2003780000**	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug								
orange	TNST OR	20 A	50	**2463540000**	TNST OR	20 A	50	**2463540000**
removable, as replacement for release lever	TNST	20 A	50	**1833090000**	TNST	20 A	50	**1833090000**
Module connector (max, 250 V)								
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**	BEST/DRBR	22 A	50	**1878570000**
For detailed information on other accessories and application in the online catalogue								

	APGTB 1.5 FT 2C/1	1.5 mm²	APGTB 1.5 PE 2C/1	1.5 mm²
Width/Height/Depth mm	3.5 x 55 x 33.5		3.5 x 55 x 33.5	
max. current / max. cond. cross-section A/mm²	**17.5 / 1.5**		**/ 1.5**	
Max. clamping range mm²	**0.14...1.5**		**0.14...1.5**	

Technical data

Rated data						
	In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-2	
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500	300	300		500	300	300	
Rated current A	17.5	13	13					
for wire cross-section mm²	1.5	AWG 26...14	AWG 26...14		1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0				A1 / V-0		
Number of operating cycles								
Approvals								
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1				0.5...1.5 / 0.5...1			
Stripping length / Blade size mm/-	8 / 0.4 x 2.0 mm				8 / 0.4 x 2.0 mm			
Note								

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	APGTB 1.5 FT 2C/1	50	2482160000			
Blue	APGTB 1.5 FT 2C/1 BL	50	2482170000			
Green/yellow				APGTB 1.5 PE 2C/1	50	2482220000
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000	ZQV 1.5N/2	17.5 A	60	1985410000
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000	ZQV 1.5N/10	17.5 A	20	1985580000
End plate								
dark beige	AEP 2C 1.5		50	1552600000	AEP 2C 1.5		50	1552600000
Blue	AEP 2C 1.5 BL		50	1552610000				
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	APG 1.5/1	17.5 A	50	2482340000	APG 1.5/1	17.5 A	50	2482340000
	APG 1.5/10	17.5 A	20	2482430000	APG 1.5/10	17.5 A	20	2482430000
	APG 1.5 MI	17.5 A	50	2482280000	APG 1.5 MI	17.5 A	50	2482280000
	APG 1.5 L	17.5 A	50	2482250000	APG 1.5 L	17.5 A	50	2482250000
	APG 1.5 R	17.5 A	50	2482310000	APG 1.5 R	17.5 A	50	2482310000
Screwdriver								
Standard	SDS 0.4X2.0X60		1	2749260000	SDS 0.4X2.0X60		1	2749260000
Marking tags								
	WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS		960	2003760000
	DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS		1600	2003750000

For detailed information on other accessories and application in the online catalogue

APGTB 1.5 FT 3C/1 — 1.5 mm²

3.5 x 62 x 33.5
17.5 / 1.5
0.14...1.5

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 FT 3C/1	50	2482180000
APGTB 1.5 FT 3C/1 BL	50	2482190000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 3C 1.5		50	1552620000
AEP 3C 1.5 BL		50	1552630000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

APGTB 1.5 FT PE 3C/1 — 1.5 mm²

3.5 x 62 x 33.5
/ 1.5
0.14...1.5

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 PE 3C/1	50	2482230000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 3C 1.5		50	1552620000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

APGTB 1.5 FT 4C/2 — 1.5 mm²

3.5 x 80 x 33.5
17.5 / 1.5
0.14...1.5

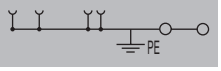
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 FT 4C/2	50	2482200000
APGTB 1.5 FT 4C/2 BL	50	2482210000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP PGTB 1.5 4C/2		50	2482510000
AEP PGTB 1.5 4C/2 BL		50	2482520000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

	APGTB 1.5 PE 4C/2	1.5 mm²	APGTB 1.5 2T 4C/2	1.5 mm²
Width/Height/Depth mm	3.5 x 80 x 33.5		3.5 x 84.5 x 45	
max. current / max. cond. cross-section -/mm²	/ 1.5		17.5 / 1.5	
Max. clamping range mm²	0.14...1.5		0.14...1.5	

Technical data

Rated data					In accordance with IEC 60947-7-2				In accordance with IEC 60947-7-1			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V				500	300	300		500	300	300	
Rated current	-								17.5	13	13	
for wire cross-section	mm²				1.5	AWG 26...14	AWG 26...14		1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity					6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating					A1 / V-0				A1 / V-0			
Number of operating cycles												
Approvals												
Clamped conductors (H05V/H07V)					**Rated connection**				**Rated connection**			
Solid / Stranded	mm²				0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²				0.5...1.5 / 0.5...1				0.5...1.5 / 0.5...1			
Stripping length / Blade size	mm/-				8 / 0.4 x 2.0 mm				8 / 0.4 x 2.0 mm			
Note												

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige				APGTB 1.5 2T 4C/2	50	2485840000
	Blue				APGTB 1.5 2T 4C/2 BL	50	2485850000
	Green/yellow	APGTB 1.5 PE 4C/2	50	2482240000			
Note							

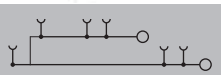
Accessories

		Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection									
	2-pole	ZQV 1.5N/2	17.5 A	60	1985410000	ZQV 1.5N/2	17.5 A	60	1985410000
	10-pole	ZQV 1.5N/10	17.5 A	20	1985580000	ZQV 1.5N/10	17.5 A	20	1985580000
End plate									
	dark beige	AEP PGTB 1.5 4C/2		50	2482510000	AEP 2T 1.5		20	2469420000
	Blue					AEP 2T 1.5 BL		20	2471470000
End bracket									
	dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
	dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug									
		APG 1.5/1	17.5 A	50	2482340000	APG 1.5/1	17.5 A	50	2482340000
		APG 1.5/10	17.5 A	20	2482430000	APG 1.5/10	17.5 A	20	2482430000
		APG 1.5 MI	17.5 A	50	2482280000	APG 1.5 MI	17.5 A	50	2482280000
		APG 1.5 L	17.5 A	50	2482250000	APG 1.5 L	17.5 A	50	2482250000
		APG 1.5 R	17.5 A	50	2482310000	APG 1.5 R	17.5 A	50	2482310000
Screwdriver									
	Standard	SDS 0.4X2.0X60		1	2749260000	SDS 0.4X2.0X60		1	2749260000
Marking tags									
		WS 10/3.5 PLUS MC NE WS		960	2003760000	WS 10/3.5 PLUS MC NE WS		960	2003760000
		DEK 5/3.5 MM WS		1000	2007100000	DEK 5/3.5 MM WS		1000	2007100000
		DEK 5/3.5 PLUS MC NE WS		1600	2003750000	DEK 5/3.5 PLUS MC NE WS		1600	2003750000
						SNAPMARK 1.5		40	2682080000

For detailed information on other accessories and application in the online catalogue

APGTB 1.5 2T VL 4C/2 — 1.5 mm²

3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

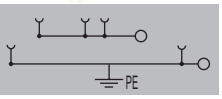
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 2T VL 4C/2	50	2485920000
APGTB 1.5 2T VL 4C/2 BL	50	2485930000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEP 2T 1.5 BL		20	2471470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

APGTB 1.5 2T FT PE 4C/2 — 1.5 mm²

3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

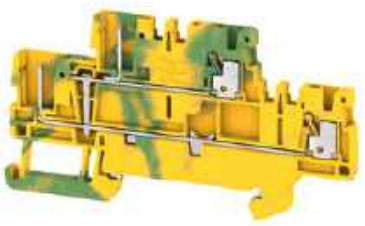
IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

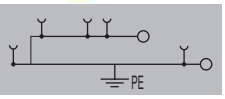
Type	Qty.	Order No.
APGTB 1.5 2T FT-PE 4C/2	50	2485860000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEP 2T 1.5 BL		20	2471470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

APGTB 1.5 2T PE 4C/2 — 1.5 mm²



3.5 x 84.5 x 45
/ 1.5
0.14...1.5



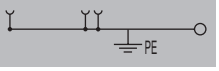
In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 2T PE 4C/2	50	2485870000

Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000
SNAPMARK 1.5		40	2682080000

	APGTB 2.5 FT 2C/1	2.5 mm²	APGTB 2.5 PE 2C/1	2.5 mm²
Width/Height/Depth mm	5.1 x 55 x 36.5		5.1 x 54 x 36.5	
max. current / max. cond. cross-section A/mm²	24 / 4		/ 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

	APGTB 2.5 FT 2C/1				APGTB 2.5 PE 2C/1			
Rated data								
Rated voltage of feed-through terminal V	In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-2			
Rated current A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	800	600	600		800	600	600	
Rated impulse withstand voltage / Pollution severity	24	20	20					
Gauge to IEC 60947-1 / UL 94 flammability rating	2.5	AWG 28...12	AWG 28...12		2.5	AWG 28...12	AWG 28...12	
Number of operating cycles			8 kV / 3				8 kV / 3	
Approvals			A3 / V-0				A3 / V-0	
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
Stripping length / Blade size mm/-	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

Ordering data

Version	APGTB 2.5 FT 2C/1 Type	Qty.	Order No.	APGTB 2.5 PE 2C/1 Type	Qty.	Order No.
dark beige	APGTB 2.5 FT 2C/1	100	1513970000			
Blue	APGTB 2.5 FT 2C/1 BL	100	1513990000			
Green/yellow				APGTB 2.5 PE 2C/1	50	1513870000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
dark beige	AEP 2C 2.5		50	1514400000	AEP 2C 2.5		50	1514400000
Blue	AEP 2C 2.5 BL		50	1514420000				
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	APG 2.5/1	24 A	50	1513720000	APG 2.5/1	24 A	50	1513720000
	APG 2.5/10	24 A	20	1513770000	APG 2.5/10	24 A	20	1513770000
	APG 2.5 L	24 A	50	1513830000	APG 2.5 L	24 A	50	1513830000
	APG 2.5 MI	24 A	50	1513880000	APG 2.5 MI	24 A	50	1513880000
	APG 2.5 R	24 A	50	1513940000	APG 2.5 R	24 A	50	1513940000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

APGTB 2.5 FT 3C/1 — 2.5 mm²

5.1 x 66.5 x 36.5
24 / 4
0.14...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
APGTB 2.5 FT 3C/1		50	1514000000
APGTB 2.5 FT 3C/1 BL		50	1514020000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 3C 2.5		50	1521510000
AEP 3C 2.5 BL		50	1521520000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

APGTB 2.5 PE 3C/1 — 2.5 mm²

5.1 x 66.5 x 36.5
/ 4
0.14...4

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
APGTB 2.5 PE 3C/1		50	1513890000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 3C 2.5		50	1521510000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

APGTB 2.5 FT 4C/2 — 2.5 mm²

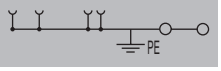
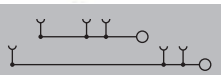
5.1 x 87 x 36.5
24 / 4
0.14...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
APGTB 2.5 FT 4C/2		50	1514030000
APGTB 2.5 FT 4C/2 BL		50	1514040000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP PGTB 2.5 4C/2		50	1514450000
AEP PGTB 2.5 4C/2 BL		50	1514470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

	APGTB 2.5 PE 4C/2	2.5 mm²	APGTB 2.5 2T 4C/2	2.5 mm²
Width/Height/Depth mm	5.1 x 87 x 36.5		5.1 x 91 x 50.5	
max. current / max. cond. cross-section -/mm²	/ 4		24 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

Rated data					In accordance with IEC 60947-7-2				In accordance with IEC 60947-7-1			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V				800	600	600		800	600	600	
Rated current	-								24	20	20	
for wire cross-section	mm²				2.5	AWG 28...12	AWG 28...12		2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity						8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating						A3 / V-0				A3 / V-0		
Number of operating cycles												
Approvals												
Clamped conductors (H05V/H07V)					**Rated connection**				**Rated connection**			
Solid / Stranded	mm²				0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
Flexible / Flexible with ferrule	mm²				0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Stripping length / Blade size	mm/-				10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note												

Ordering data

Version		Type		Qty.	Order No.	Type		Qty.	Order No.
dark beige						APGTB 2.5 2T 4C/2		50	1548060000
Blue						APGTB 2.5 2T 4C/2 BL		50	1548070000
Green/yellow		APGTB 2.5 PE 4C/2		50	1513920000				
Note									

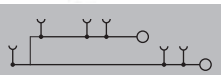
Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
dark beige	AEP PGTB 2.5 4C/2		50	1514450000	AEP 2T 2.5		20	1547690000
blue					AEP 2T 2.5 BL		20	1547700000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	APG 2.5/1	24 A	50	1513720000	APG 2.5/1	24 A	50	1513720000
	APG 2.5/10	24 A	20	1513770000	APG 2.5/10	24 A	20	1513770000
	APG 2.5 L	24 A	50	1513830000	APG 2.5 L	24 A	50	1513830000
	APG 2.5 MI	24 A	50	1513880000	APG 2.5 MI	24 A	50	1513880000
	APG 2.5 R	24 A	50	1513940000	APG 2.5 R	24 A	50	1513940000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
					WS 10/5 M PLUS MC NE WS		600	2003770000
					SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

APGTB 2.5 2T VL 4C/2 — 2.5 mm²

5.1 x 91 x 50.5
24 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

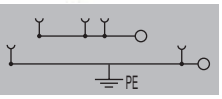
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 2T VL 4C/2	50	1548140000
APGTB 2.5 2T VL 4C/2 BL	50	1548150000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

APGTB 2.5 2T FT-PE 4C/2 — 2.5 mm²

5.1 x 91 x 50.5
24 / 4
0.14...4



In accordance with IEC 60947-7-1

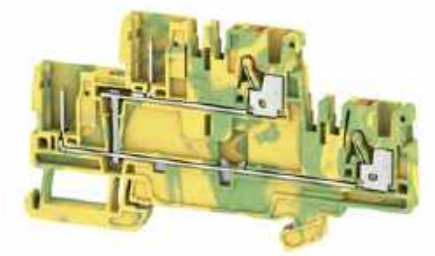
IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 28...12		
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

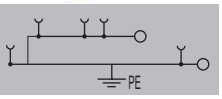
Type	Qty.	Order No.
APGTB 2.5 2T FT-PE 4C/2	50	1548130000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

APGTB 2.5 2T PE 4C/2 — 2.5 mm²



5.1 x 91 x 50.5
/ 4
0.14...4



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 2T PE 4C/2	50	1548160000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/10	24 A	20	1513770000
APG 2.5 L	24 A	50	1513830000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

	APGTB 4 FT 2C/1	4 mm²	APGTB 4 PE 2C/1	4 mm²
Width/Height/Depth mm	6.1 x 59.5 x 39.5		6.1 x 59.5 x 39.5	
max. current / max. cond. cross-section A/mm²	32 / 6		/ 6	
Max. clamping range mm²	0.14...6		0.14...6	

Technical data

	APGTB 4 FT 2C/1				APGTB 4 PE 2C/1			
Rated data								
	In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-2			
Rated voltage of feed-through terminal V	IEC 800	UL 600	CSA 600	EN 60079-7	IEC 800	UL 600	CSA 600	EN 60079-7
Rated current A	32	30	30					
for wire cross-section mm²	4	AWG 26...10	AWG 26...10		4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity	8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0				A4 / V-0			
Number of operating cycles								
Approvals								
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	0.5...4 / 0.5...6				0.5...4 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note								

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	APGTB 4 FT 2C/1	100	2540050000			
Blue	APGTB 4 FT 2C/1 BL	100	2540060000			
Green/yellow				APGTB 4 PE 2C/1	50	2540110000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	AEP 2C 4		50	2051680000	AEP 2C 4		50	2051680000
Blue	AEP 2C 4 BL		50	2051690000	AEP 2C 4 BL		50	2051690000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Plug								
	APG 4/1	32 A	50	2540460000	APG 4/1	32 A	50	2540460000
	APG 4/10	32 A	20	2540550000	APG 4/10	32 A	20	2540550000
	APG 4 MI	32 A	50	2540580000	APG 4 MI	32 A	50	2540580000
	APG 4 L	32 A	50	2540360000	APG 4 L	32 A	50	2540360000
	APG 4 R	32 A	50	2540610000	APG 4 R	32 A	50	2540610000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	WS 10/6 M PLUS MC NE WS		600	2003780000	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000

For detailed information on other accessories and application in the online catalogue

APGTB 4 FT 3C/1 — 4 mm²

6.1 x 72 x 39.5
32 / 6
0.14...6

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

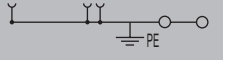
Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 FT 3C/1	50	2540070000
APGTB 4 FT 3C/1 BL	50	2540080000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 3C 4		20	2051720000
AEP 3C 4 BL		20	2051880000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

APGTB 4 PE 3C/1 — 4 mm²

6.1 x 72 x 39.5
/ 6
0.14...6



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 PE 3C/1	50	2540170000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 3C 4		20	2051720000
AEP 3C 4 BL		20	2051880000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

APGTB 4 FT 4C/2 — 4 mm²

6.1 x 98 x 39.5
32 / 6
0.14...6

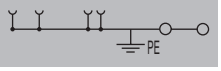
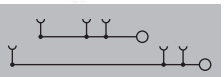
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 FT 4C/2	50	2540090000
APGTB 4 FT 4C/2 BL	50	2540100000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP PGTB 4 4C/2		20	2540210000
AEP PGTB 4 4C/2 BL		20	2540280000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	APGTB 4 PE 4C/2	4 mm²	APGTB 4 2T 4C/2	4 mm²
Width/Height/Depth mm	6.1 x 98 x 39.5		6.1 x 100 x 53.5	
max. current / max. cond. cross-section -/mm²	/ 6		32 / 6	
Max. clamping range mm²	0.14...6		0.14...6	

Technical data

Rated data		In accordance with IEC 60947-7-2			In accordance with IEC 60947-7-1	
		IEC	UL	CSA	EN 60079-7	
Rated voltage of feed-through terminal	V	800	600	600		
Rated current	-					
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0			
Number of operating cycles						
Approvals						
Clamped conductors (H05V/H07V)		**Rated connection**			**Rated connection**	
Solid / Stranded	mm²	0.5...4 / 0.5...6			0.5...4 / 0.5...6	
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4			0.5...6 / 0.5...4	
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm			12 / 0.6 x 3.5 mm	
Note						

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige				APGTB 4 2T 4C/2	50	2540230000
	Blue				APGTB 4 2T 4C/2 BL	50	2540250000
	Green/yellow	APGTB 4 PE 4C/2	50	2540180000			
Note							

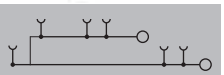
Accessories

		Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection		ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
	2-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
	10-pole								
End plate		AEP PGTB 4 4C/2		20	2540210000	AEP 2T 4		20	2540000000
	dark beige	AEP PGTB 4 4C/2 BL		20	2540280000	AEP 2T 4 BL		20	2540010000
	Blue								
End bracket		AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
	dark beige, screwable	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
	dark beige, direct mounting								
Plug		APG 4/1	32 A	50	2540460000	APG 4/1	32 A	50	2540460000
		APG 4/10	32 A	20	2540550000	APG 4/10	32 A	20	2540550000
		APG 4 MI	32 A	50	2540580000	APG 4 MI	32 A	50	2540580000
		APG 4 L	32 A	50	2540360000	APG 4 L	32 A	50	2540360000
		APG 4 R	32 A	50	2540610000	APG 4 R	32 A	50	2540610000
Screwdriver									
	Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags									
		WS 10/6 M PLUS MC NE WS		600	2003780000	WS 10/6 M PLUS MC NE WS		600	2003780000
		DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
		WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
		DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000
						SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

APGTB 4 2T VL 4C/2 — 4 mm²

6.1 x 100 x 53.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

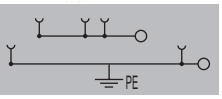
Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 2T VL 4C/2	50	2540260000
APGTB 4 2T VL 4C/2 BL	50	2540270000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2T 4		20	2540000000
AEP 2T 4 BL		20	2540010000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000
SNAPMARK I		50	1805880000

APGTB 4 2T FT-PE 4C/2 — 4 mm²

6.1 x 100 x 53.5
32 / 6
0.14...6



In accordance with IEC 60947-7-1

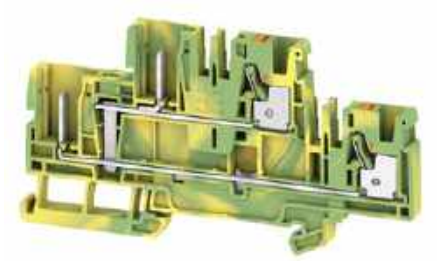
IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

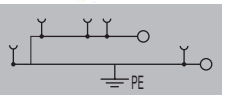
Type	Qty.	Order No.
APGTB 4 2T FT-PE 4C/2	50	2540290000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2T 4		20	2540000000
AEP 2T 4 BL		20	2540010000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000
SNAPMARK I		50	1805880000

APGTB 4 2T PE 4C/2 — 4 mm²



6.1 x 100 x 53.5
/ 6
0.14...6



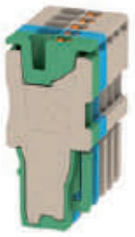
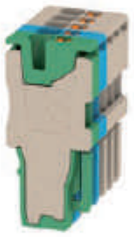
In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 2T PE 4C/2	50	2540300000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2T 4		20	2540000000
AEP 2T 4 BL		20	2540010000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000
SNAPMARK I		50	1805880000

		APG 1.5...	1.5 mm²	APG 2.5...	2.5 mm²
					
Width/Height/Depth	mm	3.5 x 14 x 31.15		5.1 x 16.5 x 42.5	
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**		**24 / 2.5**	
Max. clamping range	mm²	**0.14...1.5**		**0.14...2.5**	

Technical data

Rated data		In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	-	500	300	300		800	600	600	
Max. voltage of clamp support & pluggable system	-								
Rated current	A	17.5	13	13		24	20	20	
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14		2.5	AWG 28...12	AWG 28...12	
Rated impulse withstand voltage / Pollution severity				6 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A1 / V-0				A3 / V-0	
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**		**Plug-in connection**		**Rated connection**		**Plug-in connection**	
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1				0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
1-pole		APG 1.5/1	50	**2482340000**	APG 2.5/1	50	**1513720000**
2-pole		APG 1.5/2	25	**2482350000**	APG 2.5/2	25	**1513640000**
3-pole		APG 1.5/3	25	**2482360000**	APG 2.5/3	25	**1513650000**
4-pole		APG 1.5/4	25	**2482370000**	APG 2.5/4	25	**1513670000**
5-pole		APG 1.5/5	25	**2482380000**	APG 2.5/5	25	**1513680000**
6-pole		APG 1.5/6	25	**2482390000**	APG 2.5/6	25	**1513690000**
7-pole		APG 1.5/7	25	**2482400000**	APG 2.5/7	25	**1513700000**
8-pole		APG 1.5/8	20	**2482410000**	APG 2.5/8	20	**1513730000**
9-pole		APG 1.5/9	20	**2482420000**	APG 2.5/9	20	**1513740000**
10-pole		APG 1.5/10	20	**2482430000**	APG 2.5/10	20	**1513770000**
4-poles/3x beige, 1x green							
3-poles/1xbeige, 1x blue, 1x green		APG 1.5/3-BG-BL-GN	25	**2482460000**	APG 2.5/3-BG-BL-GN	25	**1513820000**
5-poles/3xbeige, 1x blue, 1x green		APG 1.5/5-3BG-BL-GN	25	**2482440000**	APG 2.5/5-3BG-BL-GN	25	**1513780000**
Note							

Accessories

		Type	Qty.	Order No.	Type	Qty.	Order No.
End plate		MCV APG 1.5	50	**2485980000**	MCV APG 2.5	50	**2035590000**
dark beige							
Coding		APGCE	50	**1514490000**	APGCE	50	**1514490000**
Cover		APGPC 1.5	50	**2482530000**	APGPC 2.5	50	**1514500000**
Interlock		APGLE 1.5	25	**2482720000**	APGLE 2.5/4	25	**2457570000**
Strain relief		APGSR 1.5	25	**2482730000**	APGSR 2.5/4	25	**2457580000**
		APGSR 1.5 - 4P	25	**2482740000**	APGSR 2.5/4 - 4P	25	**2457590000**
		APGSR 1.5 - 8P	25	**2482750000**	APGSR 2.5/4 - 8P	25	**2457600000**
Marking tags		WS 10/3.5 PLUS MC NE WS	960	**2003760000**	DEK 5/5 PLUS MC NE WS	1000	**1854490000**
		DEK 5/3.5 MM WS	1000	**2007100000**	WS 10/5 M MC NE WS	720	**1792000000**
		DEK 5/3.5 PLUS MC NE WS	1600	**2003750000**			
					WS 8/5 MM WS	800	**2007150000**

For detailed information on other accessories and application in the online catalogue

APG 4... | 4 mm²

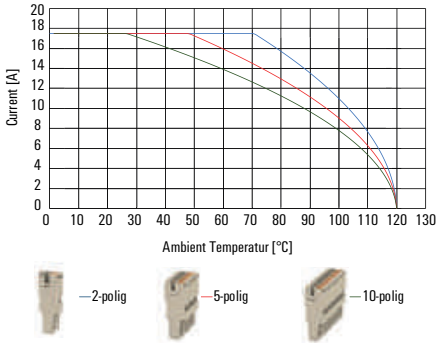
6.1 x 19 x 50.95
32 / 4
0.14...4

In accordance with IEC 60947-7-1

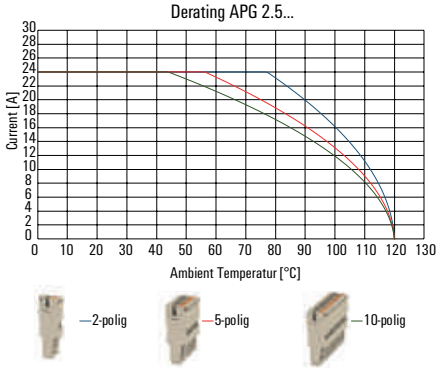
IEC	UL	CSA	EN 60079-7
800	600	600	
32	30	30	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A4 / V-0		

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5 mm	

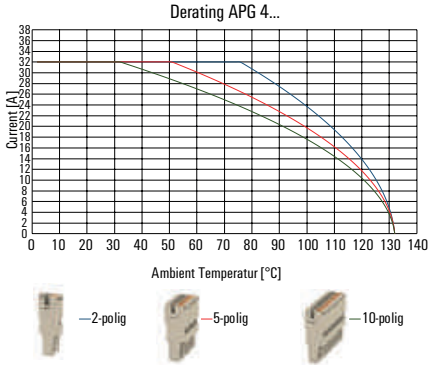
Derating APG 1.5...



Derating APG 2.5...

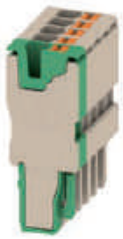


Derating APG 4...



Type	Qty.	Order No.
APG 4/1	50	2540460000
APG 4/2	25	2540470000
APG 4/3	25	2540480000
APG 4/4	25	2540490000
APG 4/5	25	2540500000
APG 4/6	25	2540510000
APG 4/7	25	2540520000
APG 4/8	20	2540530000
APG 4/9	20	2540540000
APG 4/10	20	2540550000
APG 4/4-3BG-GN	25	2540440000
APG 4/3-BG-BL-GN	25	2540450000
APG 4/5-3BG-BL-GN	25	2540430000

Type	Qty.	Order No.
MCV APG 4	50	2540800000
APGCE	50	1514490000
APGPC 4	50	2540960000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
WS 10/6 M MC NE WS	600	1818400000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 8/6 MM WS	600	2007160000

		APG 1.5...	1.5 mm²	APG 2.5...	2.5 mm²
					
Width/Height/Depth	mm	35 x 14 x 31.15		51 x 42.5 x 16.5	
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**		**24 / 2.5**	
Max. clamping range	mm²	**0.14...1.5**		**0.14...2.5**	

Technical data

Rated data		In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	-	500				800			
Max. voltage of clamp support & pluggable system	-								
Rated current	A	17.5				24			
for wire cross-section	mm²	1.5				2.5			
Rated impulse withstand voltage / Pollution severity				6 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A1 / V-0				A3 / V-0	
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**		**Plug-in connection**		**Rated connection**		**Plug-in connection**	
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

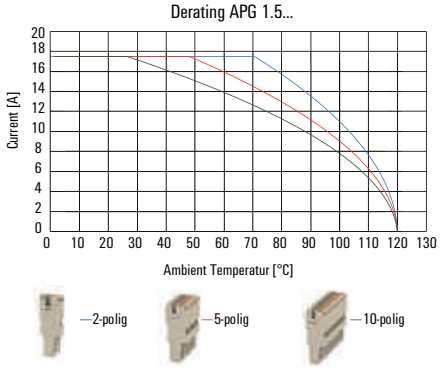
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
1-pole						
3-poles/2x beige, 1x green	APG 1.5/3-2BG-GN	25	**2719740000**	APG 2.5/3-2BG-GN	25	**2712740000**
4-poles/3x beige, 1x green	APG 1.5/4-3BG-GN	25	**2482450000**	APG 2.5/4-3BG-GN	25	**1513790000**
5-poles/4x beige, 1x green	APG 1.5/5-4BG-GN	25	**2719770000**	APG 2.5/5-4BG-GN	25	**2712760000**
6-poles/5x beige, 1x green	APG 1.5/6-5BG-GN	25	**2719780000**	APG 2.5/6-5BG-GN	25	**2712770000**
7-poles/6x beige, 1x green	APG 1.5/7-6BG-GN	25	**2719800000**	APG 2.5/7-6BG-GN	25	**2712780000**
8-poles/7x beige, 1x green	APG 1.5/8-7BG-GN	20	**2719810000**	APG 2.5/8-7BG-GN	20	**2712790000**
9-poles/8x beige, 1x green	APG 1.5/10-9BG-GN	20	**2719830000**	APG 2.5/10-9BG-GN	20	**2712810000**
Note						

Accessories

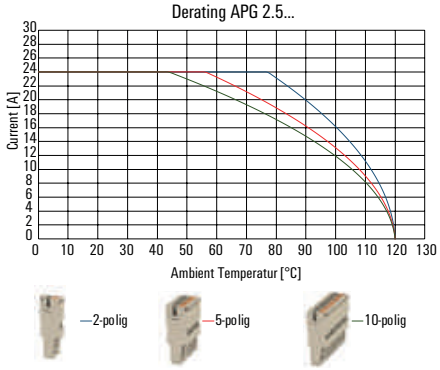
	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate	MCV APG 1.5	50	**2485980000**	MCV APG 2.5	50	**2035590000**
dark beige						
Coding	APGCE	50	**1514490000**	APGCE	50	**1514490000**
Cover	APGPC 1.5	50	**2482530000**	APGPC 2.5	50	**1514500000**
Interlock	APGLE 1.5	25	**2482720000**	APGLE 2.5/4	25	**2457570000**
Strain relief	APGSR 1.5	25	**2482730000**	APGSR 2.5/4	25	**2457580000**
	APGSR 1.5 - 4P	25	**2482740000**	APGSR 2.5/4 - 4P	25	**2457590000**
	APGSR 1.5 - 8P	25	**2482750000**	APGSR 2.5/4 - 8P	25	**2457600000**
Marking tags	WS 10/3.5 PLUS MC NE WS	960	**2003760000**	DEK 5/5 PLUS MC NE WS	1000	**1854490000**
	DEK 5/3.5 MM WS	1000	**2007100000**	WS 10/5 M MC NE WS	720	**1792000000**
	DEK 5/3.5 PLUS MC NE WS	1600	**2003750000**			
				WS 8/5 MM WS	800	**2007150000**

For detailed information on other accessories and application in the online catalogue

Derating APG 1.5...

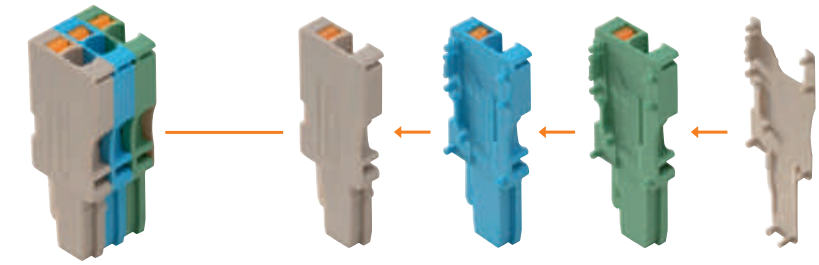


Derating APG 2.5...



Single plates for individual assembly

The individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).



complete pole number n=3 | 1x Start plate APG .. L | 1x Middle plate APG .. MI | 1x End plate APG .. R | 1x Cover MCV APG

Plug

- Single plates, plug APG 1.5 L
- Marking option

APG 1.5

Ordering data	Type	Qty.	Order No.
Single plates			
Start plate	APG 1.5 L	50	**2482250000**
	APG 1.5 L BL	50	**2482260000**
	APG 1.5 L GN	50	**2482270000**
Middle plate	APG 1.5 MI	50	**2482280000**
	APG 1.5 MI BL	50	**2482290000**
	APG 1.5 MI GN	50	**2482300000**
End plate	APG 1.5 R	50	**2482310000**
	APG 1.5 R BL	50	**2482320000**
	APG 1.5 R GN	50	**2482330000**
Cover	MCV APG 1.5	50	**2485980000**
Note			

APG 2.5

Type	Qty.	Order No.
APG 2.5 L	50	**1513830000**
APG 2.5 L BL	50	**1513840000**
APG 2.5 L GN	50	**1513850000**
APG 2.5 MI	50	**1513880000**
APG 2.5 MI BL	50	**1513900000**
APG 2.5 MI GN	50	**1513930000**
APG 2.5 R	50	**1513940000**
APG 2.5 R BL	50	**1513950000**
APG 2.5 R GN	50	**1513980000**
MCV APG 2.5	50	**2035590000**

APG 4

Type	Qty.	Order No.
APG 4 L	50	**2540360000**
APG 4 L BL	50	**2540560000**
APG 4 L GN	50	**2540570000**
APG 4 MI	50	**2540580000**
APG 4 MI BL	50	**2540590000**
APG 4 MI GN	50	**2540600000**
APG 4 R	50	**2540610000**
APG 4 R BL	50	**2540620000**
APG 4 R GN	50	**2540630000**
MCV APG 4	50	**2540800000**

Strain relief

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

APGSR

Strain reliefs

Ordering data	Type	Qty.	Order No.
1.5 mm²	APGSR 1.5	25	**2482730000**
1.5 mm²	APGSR 1.5 - 4P	25	**2482740000**
1.5 mm²	APGSR 1.5 - 8P	25	**2482750000**
2.5 mm² / 4 mm²	APGSR 2.5/4	25	**2457580000**
2.5 mm² / 4 mm²	APGSR 2.5/4 - 4P	25	**2457590000**
2.5 mm² / 4 mm²	APGSR 2.5/4 - 8P	25	**2457600000**
Note			

Application

Protective cover

- APGPC finger guard, also protects the contact point from dirt

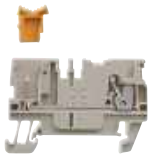
Ordering data
1.5 mm²
2.5 mm²
4.0 mm²
Note

APGPC

Protective cover

Type	Qty.	Order No.
APGPC 1.5	50	2482530000
APGPC 2.5	50	1514500000
APGPC 4	50	2540960000

Application



Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm²
Note

APGCE

Coding elements

Type	Qty.	Order No.
APGCE	50	1514490000

Application

Locking elements

- APGLE to interlock with the terminal block
- APGLE interlock, plug – socket

Ordering data
1.5 mm²
2.5 mm² / 4 mm²
Note

APGLE

Locking element

Type	Qty.	Order No.
APGLE 1.5	25	2482720000
APGLE 2.5/4	25	2457570000

Application

PUSH IN terminal blocks with electronic components

Klippon® Connect A2T 2.5 EM

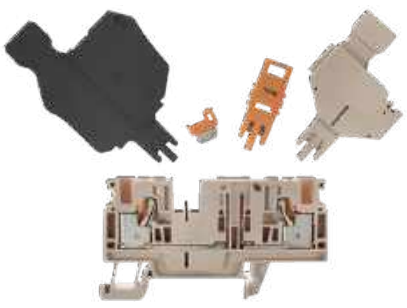
In industrial control panels, the smallest electronic components often have to be integrated to protect sensitive electronics, to connect components, to visualise operating states, and much more. Furthermore, maximum flexibility is required for the individual design of circuits.

Our terminal blocks with integrated electronic components provide a space-saving way of integrating important functions into circuits. The standard portfolio includes terminals with integrated diodes, resistors, and LEDs. In addition, specific components can be selected and soldered into the terminal body. This allows Klippon® Connect terminals with PUSH IN technology to be used extremely flexibly for a wide range of switching tasks.

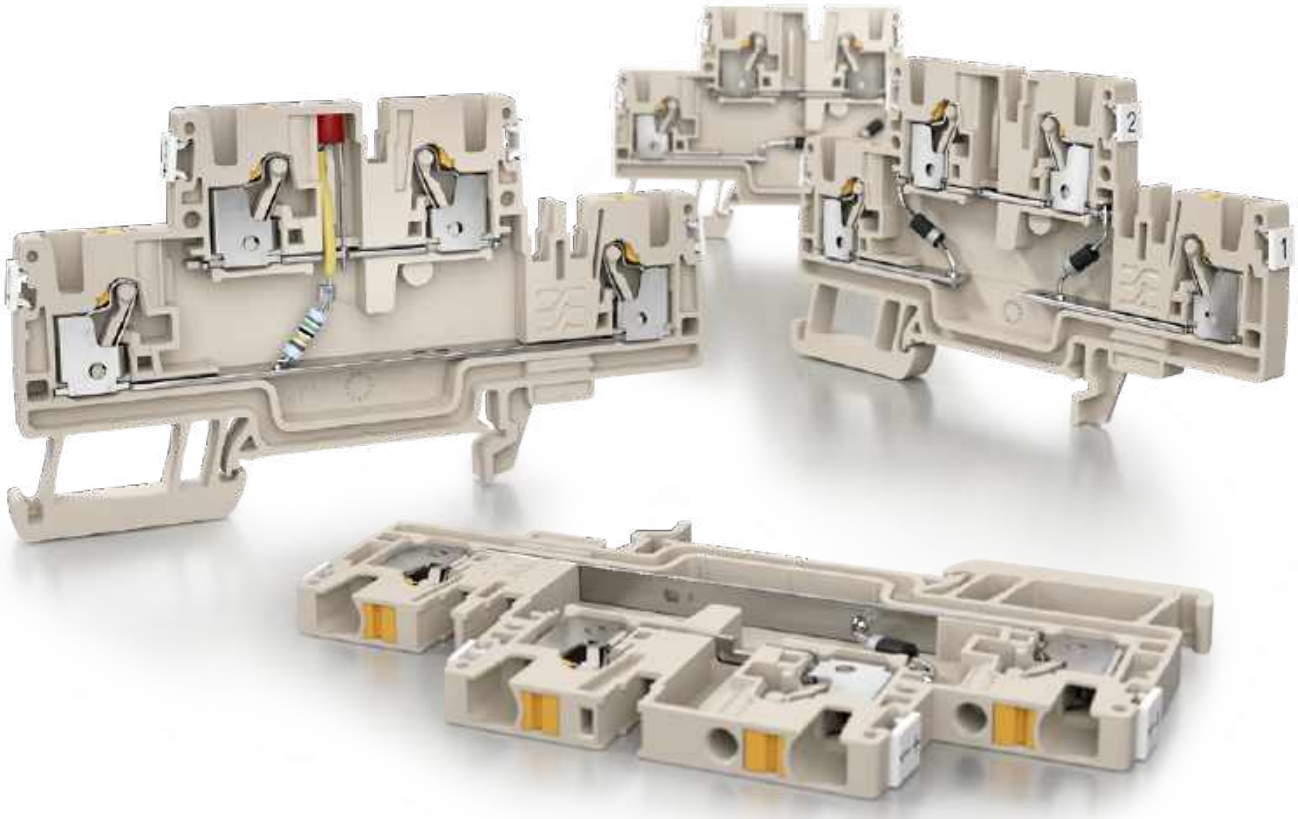
Your special advantages:

- Maximum flexibility due to designs with and without integrated electronic components
- Highest security for components against voltage peaks and overvoltage
- Individual application possibilities thanks to numerous contact points for the integration of customer-specific electronic components
- Thanks to the contour uniformity, a combination with standard double level terminal blocks is possible

Alternative product solutions
The multifunctional disconnection areas allow the insertion of fuse holders (SIHA) or component plugs (BEST). This allows test-disconnect terminals to be converted to fuse terminals or to terminal blocks with electronic components.

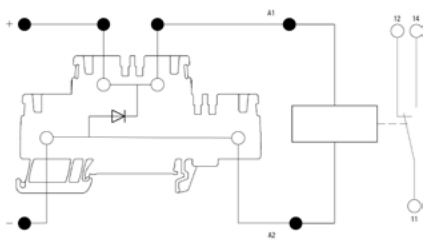


Individual application possibilities
Electronic components can be integrated into the different versions of the basic modular terminal block in accordance with the specific application. Numerous, easily accessible contact points allow the components to be soldered in.



Flexible control cabinet integration
The design of the A2T 2.5 EM has the same contours as the standard double-level terminals of the A-series. Accessories such as the end plate can be adopted and potentials can be multiplied via the cross-connection channel.

Maximum protection of components
Integrated blocking diodes protect components against reverse currents or resistances. Voltage peaks or overvoltages can thus be effectively counteracted.



	A2T 2.5 EM1 D/0	2.5 mm²	A2T 2.5 EM2 D/0	2.5 mm²
Width/Height/Depth mm	5.1 x 90 x 50.5		5.1 x 90 x 50.5	
max. current / max. cond. cross-section A/mm²	**0.5 / 4**		**0.5 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

	A2T 2.5 EM1 D/0	A2T 2.5 EM2 D/0
Rated data		
Rated voltage of feed-through terminal V	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Component 1		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		
Component diode		
Type diode		
Forward current		
Reverse voltage		
Forward voltage		
Component LED		
Colour		
Voltage, min.		
Voltage, max.		
Current		
Component resistor		
Resistance		
Power loss		
Tolerance (%)		

IEC	UL	CSA	EN 60079-7
500	300		
10	10		
2.5	AWG 28...12		
	/ 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige, 1 A diode	A2T 2.5 EM1 D/0	50	**2704330000**
dark beige, 3 A diode			
End plate			

Version	Type	Qty.	Order No.
dark beige, 1 A diode	A2T 2.5 EM2 D/0	50	**2704360000**
dark beige, 3 A diode			
End plate			

Note

Accessories

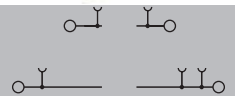
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP 2T 2.5		20	**1547690000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	SNAPMARK I		50	**1805880000**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate				
dark beige	AEP 2T 2.5		20	**1547690000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	SNAPMARK I		50	**1805880000**

For detailed information on other accessories and application in the online catalogue

A2T 2.5 EM3 D/0 — 2.5 mm²

5.1 x 90 x 50.5
0.5 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
	10		
2.5	AWG 28...12		
	/ 3		
	A3 / V-0		

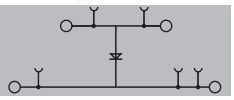
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
A2T 2.5 EM3 D/0		50	2704340000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
SNAPMARK I		50	1805880000

A2T 2.5 EM1 D/1 — 2.5 mm²

5.1 x 90 x 50.5
0.5 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
	/ 3		
	A3 / V-0		
	1 N 4007 /		

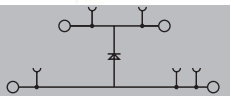
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
A2T 2.5 EM1 D/1	50	2704370000
A2T 2.5 EM1 D3/1	50	2820630000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
SNAPMARK I		50	1805880000

A2T 2.5 EM1 D/2 — 2.5 mm²

5.1 x 90 x 50.5
0.5 / 4
0.14...4



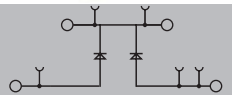
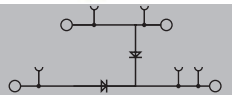
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	24	24	
0.5	1	1	
2.5	AWG 28...12	AWG 28...12	
	/ 3		
	A3 / V-0		
	1 N 4007 /		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
A2T 2.5 EM1 D/2	50	2704380000
A2T 2.5 EM1 D3/2	50	2820640000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
SNAPMARK I		50	1805880000

	A2T 2.5 EM2 D/5	2.5 mm²	A2T 2.5 EM2 D/6	2.5 mm²
Width/Height/Depth mm	5.1 x 90 x 50.5		5.1 x 90 x 50.5	
max. current / max. cond. cross-section A/mm²	**0.5 / 4**		**0.5 / 4**	
Max. clamping range mm²	**0.14...4**		**0.14...4**	

Technical data

Rated data		In accordance with IEC 60947-7-1			In accordance with IEC 60947-7-1	
Rated voltage of feed-through terminal V		IEC	UL	CSA	IEC	UL	CSA	EN 60079-7
Rated current A		500	24	24	500	24	24	
for wire cross-section mm²		0.5	1	1	0.5	1	1	
Rated impulse withstand voltage / Pollution severity		2.5	AWG 28...12	AWG 28...12	2.5	AWG 28...12	AWG 28...12	
Gauge to IEC 60947-1 / UL 94 flammability rating		/ 3			/ 3			
Component 1		A3 / V-0			A3 / V-0			
Approvals		1 N 4007 /			1 N 4007 /			
Clamped conductors (H05V/H07V)		CE cULus			CE cULus			
Solid / Stranded mm²		**Rated connection**			**Rated connection**			
Flexible / Flexible with ferrule mm²		0.5...2.5 / 0.5...4			0.5...2.5 / 0.5...4			
Stripping length / Blade size mm/-		0.5...4 / 0.5...2.5			0.5...4 / 0.5...2.5			
Component diode		10 / 0.6 x 3.5 mm			10 / 0.6 x 3.5 mm			
Type diode		1N4007			1N4007			
Forward current		1A			1A			
Reverse voltage		1300V			1300V			
Forward voltage		0.7V			0.7V			
Component LED								
Colour								
Voltage, min.								
Voltage, max.								
Current								
Component resistor								
Resistance								
Power loss								
Tolerance (%)								
Note								

Ordering data

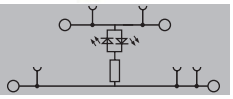
Version	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
dark beige, 1 A diode	A2T 2.5 EM2 D/5		50	**2704390000**	A2T 2.5 EM2 D/6		50	**2704400000**
dark beige, 3 A diode								
End plate								
Note								

Accessories

Plug-in cross-connection	**Type**			**Qty.**	**Order No.**	**Type**			**Qty.**	**Order No.**
2-pole	ZQV 2.5N/2	24 A		60	**1527540000**	ZQV 2.5N/2	24 A		60	**1527540000**
10-pole	ZQV 2.5N/10	24 A		20	**1527690000**	ZQV 2.5N/10	24 A		20	**1527690000**
End plate										
dark beige	AEP 2T 2.5			20	**1547690000**	AEP 2T 2.5			20	**1547690000**
End bracket										
dark beige, screwable	AEB 35 SC/1			50	**1991920000**	AEB 35 SC/1			50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0			20	**2661280000**	AEB 35 SCL/1 V0			20	**2661280000**
Test plug										
	PS 2.0 MC			20	**0310000000**	PS 2.0 MC			20	**0310000000**
Screwdriver										
Standard	SDIL 0,6X3,5X100			1	**2749140000**	SDIL 0,6X3,5X100			1	**2749140000**
Marking tags										
	DEK 5/5 PLUS MC NE WS			1000	**1854490000**	DEK 5/5 PLUS MC NE WS			1000	**1854490000**
	DEK 5/5 MM WS			800	**2007110000**	DEK 5/5 MM WS			800	**2007110000**
	WS 8/5 MM WS			800	**2007150000**	WS 8/5 MM WS			800	**2007150000**
	SNAPMARK I			50	**1805880000**	SNAPMARK I			50	**1805880000**
For detailed information on other accessories and application in the online catalogue										

A2T 2.5 EM1 24VUC LED RD/1 — 2.5 mm²

5.1 x 90 x 50.5
0.02 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24	24	24	
0.02	1	1	
2.5	AWG 28...12	AWG 28...12	
		/ 3	
		A3 / V-0	
		LED red / Resistance 4.7 kΩ	

CE cULus

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm
red
6V
24V
20mA
4.7kOhm
0.4W
1%

Type	Qty.	Order No.
A2T 2.5 EM1 24VUC LED RD/1	50	**2704410000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP 2T 2.5		20	**1547690000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**
SNAPMARK I		50	**1805880000**

ASP 2T 2.5

5.1 x 90 x 50.5

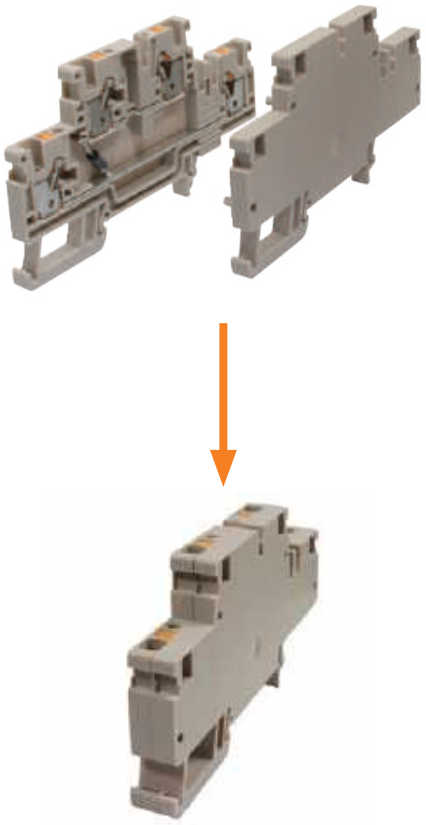
IEC	UL	CSA	EN 60079-7
		/ V-0	

CE

Rated connection

Type	Qty.	Order No.
ASP 2T 2.5	20	**2820650000**

Type	Qty.	Order No.
AEB 35 SC/1	50	**1991920000**
AEB 35 SCL/1 V0	20	**2661280000**
SDIL 0,6X3,5X100	1	**2749140000**
DEK 5/5 PLUS MC NE WS	1000	**1854490000**
DEK 5/5 MM WS	800	**2007110000**
WS 8/5 MM WS	800	**2007150000**



Efficient assembly of terminal blocks

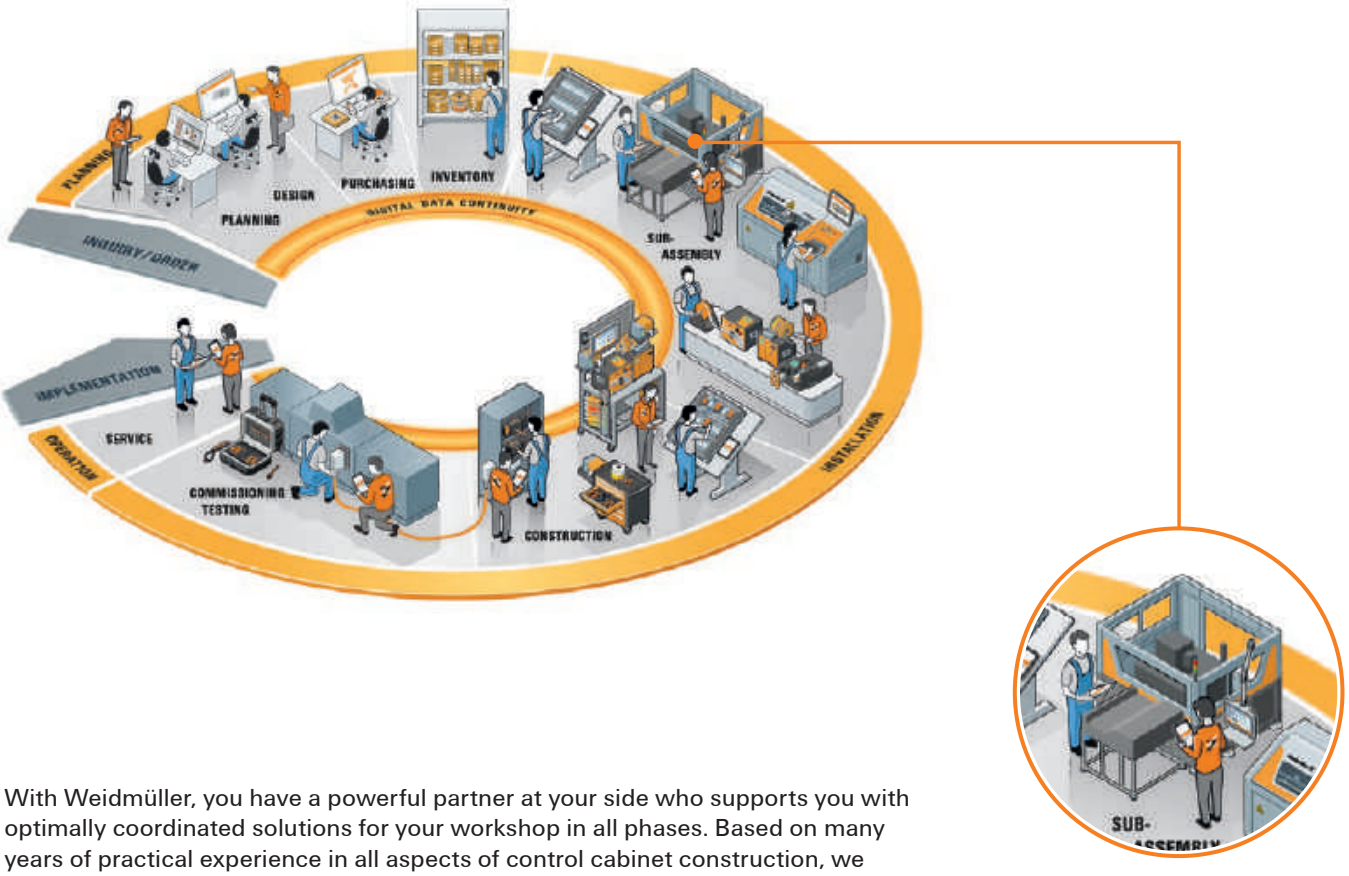
Klippon® Automated RailAssembler – effective time saving in control cabinet building

Value-added processes must be faster, more precise and more economical, especially in times of full order books and a growing lack of specialists. This particular applies to control cabinet construction. Digitalisation and automation are important factors for increasing efficiency.

The Klippon® Automated RailAssembler, in combination with the Weidmüller Configurator (WMC) software, enables the fully automatic assembly of terminal blocks. By using the automated system the commissioning, allocation and positioning of individual terminals is no longer necessary. Time savings of up to 60% can be achieved during the assembly process - and even more when considering the unmanned operation of up to 7 hours.

Special features:

- Up to 60 % time saving in terminal block assembly (or significantly more considering the unmanned operation of up to 7 hours)
- Avoidance of incorrect assembly thanks to data consistency between eCAD programs and Weidmüller Configurator (WMC)
- Easy handling due to universal magazines

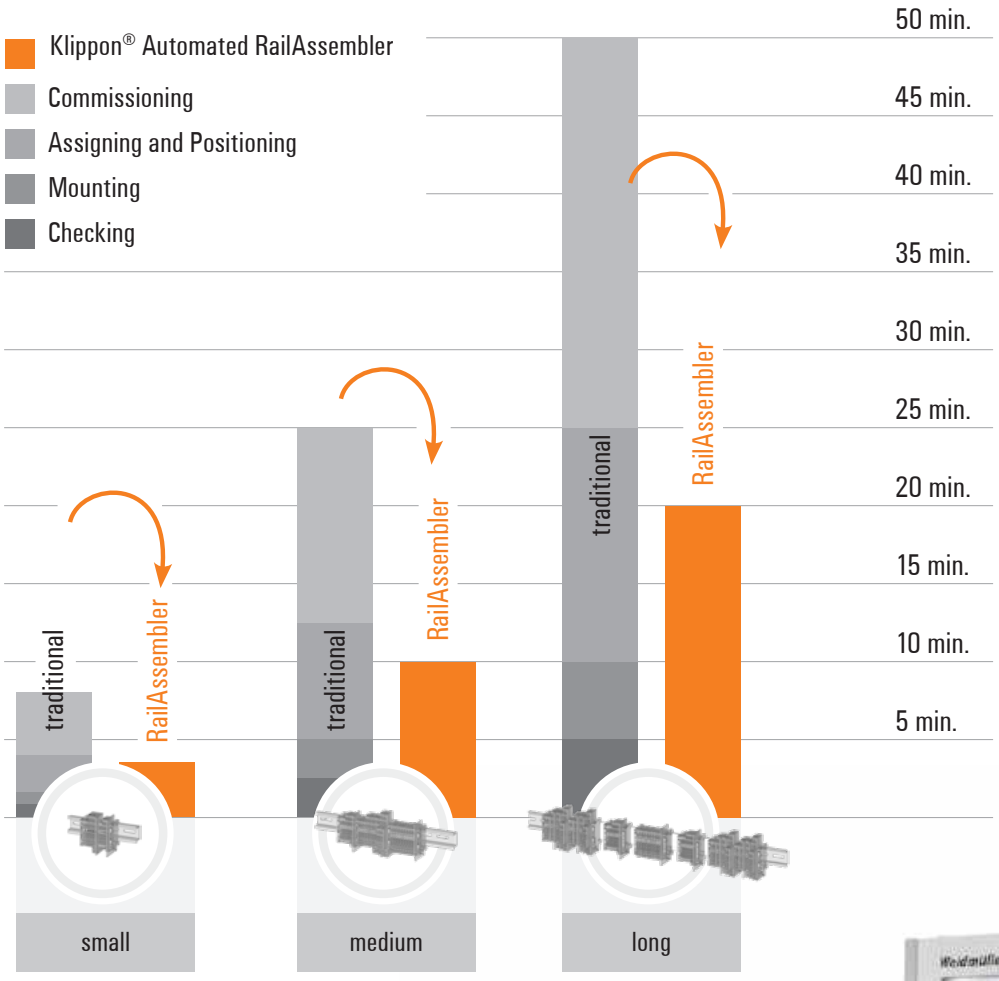


With Weidmüller, you have a powerful partner at your side who supports you with optimally coordinated solutions for your workshop in all phases. Based on many years of practical experience in all aspects of control cabinet construction, we offer you a comprehensive portfolio with which you can effectively accelerate your processes and increase your quality.

Discover your optimisation potential now:
www.weidmueller.com/workplace

* or significantly more considering the unmanned operation

With the Klippon® Automated RailAssembler the commissioning, assigning and positioning, snapping on and inspecting the individual terminal blocks are obsolete.



Your advantage through innovative technologies

The cost-effective system for fully automated terminal block assembly

Maximum flexibility
The universal magazines can be loaded with various components due to its universal design. Hereby maximum flexibility in operation is guaranteed. The machine has a total of 48 magazine positions for components as well as 20 positions for pre cut mounting rails.

Reliable quality
A continuous use of planning data from eCAD programs is possible through the Weidmüller Configurator (WMC). Due to the omission of the manual production steps, error potentials are minimized.

Contour robust gripper
Due to the adaptive gripper even complex component geometries can be handled robustly. Thus, the application range of the machine is maximized.

Optimized handling
Due to the generous storage capacity of the magazines filling processes are reduced to a minimum while also avoiding open quantities. Furthermore, the magazines already enable a fixed hold of individual components during the loading procedure. Consequently, the components cannot fall over on the magazine.

Matching assortment
Based on the Weidmüller standard markers a suitable portfolio of the Klippon® Connect A-Series with pre-assembled markers is available. In combination with the Klippon® Automated RailLaser for fully automatic marking, the full optimization potential can be reached.

Consistent transparency
The consistent software support during all work steps assists the operator and ensuring transparency on the order status.

Technical data

Supply voltage	400V AC / 16 A / 3.25 kW
Dimensions machine (W × H × D)	2400 x 2100 x 2100 mm
Dimensions output platform (W × H × D)	2100 x 1400 x 1250 mm
Installation area (W × D)	5700 x 5700 mm
Weight	2200 + 200 kg output platform
Interfaces	USB, Ethernet
Software	Weidmüller Configurator WMC
Mounting rail length	100 -1200 mm
Component magazine positions	48
Mounting rail magazine positions	20
Compressed air supply	6 bar / 1m³/h

Ordering data

Type	Order No.
RAILASSEMBLER	2738690000

More technical details and further labelling systems can be found at our website.

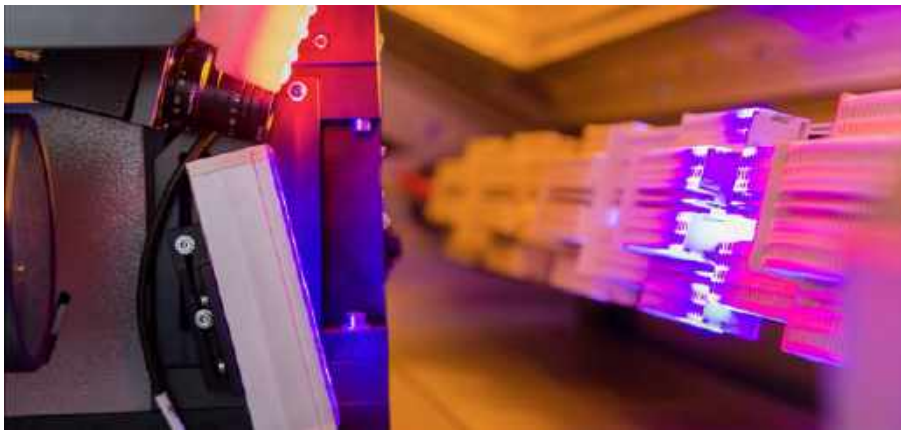
The perfect complement for our Klippon® Automated RailAssembler

Klippon® Automated RailLaser

Time savings up to 90%

The core of the Klippon® Automated RailLaser is an image processing system that is used to measure the terminal strips before the marking process. It determines the actual position of each marker, compares it with the theoretical position from the digital model and carries out the corresponding corrections fully automatically. This ensures a perfect marking result even in case of position deviations – e.g. because of thermal expansion of the components or inaccurate clamp position due to manual assembly.

The following illustrations show the advantage of labelling using the image processing system of the Klippon® Automated RailLaser: The system ensures first-class marking results in various applications and guarantees a high-quality appearance of the terminal strip in the finished control cabinet.



Matching assortment

Reliable quality

Ordering data

Type	Order No.
RAILLASER	2705010000

More technical details and further labelling systems can be found in our online catalogue.

The perfect complement for our Klippon® Automated RailLaser

Klippon® Connect A-Series

In addition to the marking process, equipping the terminal blocks with markers is also very time-consuming.

That is why we already carried out this step for you. Use our Weidmüller standard markers, which are pre-equipped with Klippon® Connect A-Series terminal blocks. You benefit from the full optimisation potential of the Klippon® Automated RailLaser.

Our Klippon® Connect A-Series has been designed to be ready-to-robot. Special features such as the gripper-optimised outer contours ensure safe handling with a robot.

Markers can be easily replaced

In addition, customers can also mount the markers themselves

Feed-through terminal blocks

Type	Qty.	Order No.
A2C 1.5 DL	100	2674590000
A3C 1.5 DL BL	50	2674640000
A3C 1.5 DL	50	2674630000
A2C 1.5 DL BL	100	2674600000
A4C 1.5 DL	100	2674660000
A4C 1.5 DL BL	100	2674670000
A2C 2.5 DL	100	2674690000
A2C 2.5 DL BL	100	2674700000
A2C 2.5 DL OR	100	2799150000
A3C 2.5 DL	100	2674720000
A3C 2.5 DL BL	100	2674730000
A4C 2.5 DL	100	2674750000
A4C 2.5 DL BL	100	2674760000
A4C 2.5 DL OR	100	2799160000
A2C 4 DL	100	2674780000
A2C 4 DL BL	100	2674790000
A2C 4 DL OR	100	2799170000
A3C 4 DL	50	2674810000
A3C 4 DL BL	50	2674820000

Feed-through terminal blocks

Type	Qty.	Order No.
A4C 4 DL	50	2674840000
A4C 4 DL BL	50	2674850000
A4C 4 DL OR	50	2799180000
A2C 6 DL	50	2674870000
A2C 6 DL BL	50	2674880000
A3C 6 DL	50	2674900000
A3C 6 DL BL	50	2674920000
A2C 6 DL OR	50	2799190000
A4C 6 DL	50	2881500000
A4C 6 DL BL	50	2881510000
A4C 6 DL OR	50	2881520000
A4C 6 DL FE	50	2881530000
A2C 10 DL	100	2674940000
A2C 10 DL BL	25	2674950000
A3C 10 DL	25	2674970000
A3C 10 DL BL	25	2674980000
A2C 16 DL	20	2675000000
A2C 16 DL BL	20	2675010000
A3C 16 DL	20	2675030000

Feed-through terminal blocks

Type	Qty.	Order No.
A3C 16 DL BL	20	2675040000
A2C 35 DL	10	2742060000
A2C 35 DL BL	10	2755890000
A2C 35 FE DL	10	2742070000
A2C 50/70 DL	5	2742090000
A2C 50/70 DL BL	5	2755900000
A2C 50/70 FE DL	5	2742100000
A2C 95/120 DL	5	2742120000
A2C 95/120 DL BL	5	2755910000
A2C 95/120 FE DL	5	2742130000
A2T 1.5 DL	50	2675060000
A2T 1.5 DL BL	50	2675070000
A2T 1.5 FT-PE DL	50	2675080000
A2T 1.5 VL DL	50	2675090000
A2T 2.5 DL	50	2675110000
A2T 2.5 DL BL	50	2675120000
A2T 2.5 FT-PE DL	50	2675130000
A2T 2.5 VL DL	50	2675140000
A2T 2.5 VL BL DL	50	2815620000

Feed-through terminal blocks

Type	Qty.	Order No.
A2T 4 DL	50	2675160000
A2T 4 DL BL	50	2675170000
A2T 4 FT-PE DL	50	2675180000
A2T 4 VL DL	50	2675190000
A3T 1.5 DL	50	2856200000
A3T 1.5 BL DL	50	2856210000
A3T 1.5 VL DL	50	2856220000
A3T 1.5 FT-FT-PE DL	50	2856230000
A3T 2.5 DL	50	2771890000
A3T 2.5 VL DL	25	2735510000
A3T 2.5 FT-FT-PE DL	50	2757430000
AMC 2.5 800V DL	50	2742050000
AMC 2.5 DL	50	2742040000
Availability on request		

PE terminal blocks

Type	Qty.	Order No.
A2C 1.5 PE DL	50	2674610000
A3C 1.5 PE DL	50	2674650000
A4C 1.5 PE DL	50	2674680000
A2C 2.5 PE DL	50	2674710000
A3C 2.5 PE DL	50	2674740000
A4C 2.5 PE DL	50	2674770000
A2C 4 PE DL	50	2674800000
A3C 4 PE DL	50	2674830000
A4C 4 PE DL	50	2674860000
A2C 6 PE DL	50	2674890000
A3C 6 PE DL	50	2674930000
A4C 6 PE DL	50	2881540000
A2C 10 PE DL	50	2674960000
A3C 10 PE DL	25	2674990000
A2C 16 PE DL	20	2675020000
A3C 16 PE DL	20	2675050000
A2C 35 PE DL	10	2735950000
A2C 50/70 PE DL	5	2742110000
A2C 95/120 PE DL	5	2742140000
A2T 1.5 PE DL	50	2675100000
A2T 2.5 PE DL	50	2675150000
A2T 4 PE DL	50	2675200000
A3T 1.5 PE DL	50	2856240000
Availability on request		

Test-disconnect and fuse terminal blocks

Type	Qty.	Order No.
ADT 2.5 2C DL	50	2675210000
ADT 2.5 2C DL BL	50	2675220000
ADT 2.5 4C DL	50	2675230000
ADT 4 2C DL	50	2675240000
AFS 4 2C DL BK	50	2675250000
AFS 4 2C 10-36V DL BK	50	2675260000
AFS 4 2C 100-250V DL BK	50	2675290000
AFS 4 2C 30-70V DL BK	50	2675270000
AFS 4 2C 60-150V DL BK	50	2675280000
Availability on request		

Pluggable terminal blocks

Type	Qty.	Order No.
APGTB 1.5 FT 2C/1 DL	50	2675680000
APGTB 1.5 FT 2C/1 DL BL	50	2675690000
APGTB 1.5 PE 2C/1 DL	50	2675700000
APGTB 1.5 FT 3C/1 DL	50	2675710000
APGTB 1.5 FT 3C/1 DL BL	50	2675720000
APGTB 1.5 PE 3C/1 DL	50	2675730000
APGTB 1.5 FT 4C/2 DL	50	2675740000
APGTB 1.5 FT 4C/2 DL BL	50	2675750000
APGTB 1.5 PE 4C/2 DL	50	2675760000
APGTB 2.5 FT 2C/1 DL	100	2675820000

Pluggable terminal blocks

Type	Qty.	Order No.
APGTB 2.5 FT 2C/1 DL BL	100	2675830000
APGTB 2.5 PE 2C/1 DL	50	2675840000
APGTB 2.5 FT 3C/1 DL	50	2675850000
APGTB 2.5 FT 3C/1 DL BL	50	2675860000
APGTB 2.5 PE 3C/1 DL	50	2675870000
APGTB 2.5 FT 4C/2 DL	50	2675880000
APGTB 2.5 FT 4C/2 DL BL	50	2675890000
APGTB 2.5 PE 4C/2 DL	50	2675900000
APGTB 4 FT 2C/1 DL	100	2675960000
APGTB 4 FT 2C/1 DL BL	100	2675970000
APGTB 4 PE 2C/1 DL	50	2675980000
APGTB 4 FT 3C/1 DL	50	2675990000
APGTB 4 FT 3C/1 DL BL	50	2676000000
APGTB 4 PE 3C/1 DL	50	2676010000
APGTB 4 FT 4C/2 DL	50	2676020000
APGTB 4 FT 4C/2 DL BL	50	2676030000
APGTB 4 PE 4C/2 DL	50	2676040000
APGTB 1.5 2T 4C/2 DL	50	2675770000
APGTB 1.5 2T 4C/2 DL BL	50	2675780000
APGTB 1.5 2T FT-PE 4C/2 DL	50	2675790000
APGTB 1.5 2T VL 4C/2 DL	50	2675810000
APGTB 1.5 2T PE 4C/2 DL	50	2675800000
APGTB 2.5 2T 4C/2 DL	50	2675910000
APGTB 2.5 2T 4C/2 DL BL	50	2675920000
APGTB 2.5 2T FT-PE 4C/2 DL	50	2675930000
APGTB 2.5 2T VL 4C/2 DL	50	2675950000
APGTB 2.5 2T PE 4C/2 DL	50	2675940000
APGTB 4 2T 4C/2 DL	50	2676050000
APGTB 4 2T 4C/2 DL BL	50	2676060000
APGTB 4 2T FT-PE 4C/2 DL	50	2676070000
APGTB 4 2T VL 4C/2 DL	50	2676090000
APGTB 4 2T PE 4C/2 DL	50	2676080000
Availability on request		

Signal wiring terminal blocks

Type	Qty.	Order No.
AIO21 1.5 SI DL	100	2675580000
AIO21 1.5 SI DL OR	100	2675630000
AIO21 1.5 SO DL	100	2675590000
AIO21 1.5 SO DL OR	100	2675640000
AIO21 1.5 SO-PE DL	100	2675600000
AIO21 1.5 SO-PE DL OR	100	2675650000
AIO22 1.5 SI-PE DL	100	2675610000
AIO22 1.5 SI-PE DL OR	100	2675660000
AIO23 1.5 2SI DL	100	2675620000
AIO23 1.5 2SI DL OR	50	2675670000
Availability on request		

Control voltage distribution

Type	Qty.	Order No.
AAP11 6 LO DL RD	20	2675300000
AAP11 6 LO DL BL	20	2675320000
AAP11 6 LO DL OR	20	2675310000
AAP11 6 LO DL BL/OR	20	2675330000
AAP11 6/1.5 LO-LI DL RD	20	2675390000
AAP11 6/1.5 LO-LI DL BL	20	2675380000
AAP11 6/1.5 LO-LI DL OR	20	2675400000
AAP11 6/1.5 LO-LI DL BL/OR	20	2675410000
AAP11 1.5 LI DL RD	50	2675340000
AAP11 1.5 LI DL BL	50	2675360000
AAP11 1.5 LI DL OR	50	2675350000
AAP11 1.5 LI DL BL/OR	50	2675370000
AAP12 10 LO DL RD	20	2675420000
AAP12 10 LO DL BL	20	2675440000
AAP12 10 LO DL OR	20	2675430000
AAP12 10 LO DL BL/OR	20	2675450000
AAP12 10/2.5 LO-LI DL RD	20	2675500000
AAP12 10/2.5 LO-LI DL BL	20	2675530000

Control voltage distribution

Type	Qty.	Order No.
AAP12 10/2.5 LO-LI DL OR	20	2675510000
AAP12 10/2.5 LO-LI DL BL/OR	20	2675520000
AAP12 10/4X2.5 PE-LI DL	20	2742080000
AAP12 2.5 LI DL RD	50	2675460000
AAP12 2.5 LI DL BL	50	2675490000
AAP12 2.5 LI DL OR	50	2675470000
AAP12 2.5 LI DL BL/OR	50	2675480000
AAP13 6 LO-LO DL	20	2675540000
AAP13 1.5 LI-LI DL	50	2675550000
AAP14 10 LO-LO DL	20	2675560000
AAP14 2.5 LI-LI DL	50	2675570000
Availability on request		

Terminal blocks with SNAP IN technology

Type	Qty.	Order No.
AS2C 2.5 DL	100	2862960000
AS3C 2.5 DL	100	2862970000
AS4C 2.5 DL	100	2862980000
AS2C 2.5 DL BL	100	2862990000
AS3C 2.5 DL BL	100	2863000000
AS4C 2.5 DL BL	100	2863010000
AS2C 2.5 PE DL	100	2863020000
AS3C 2.5 PE DL	100	2863030000
AS4C 2.5 PE DL	100	2863040000
S2C 4 DL	100	2874910000
S3C 4 DL	50	2874920000
S4C 4 DL	50	2874930000
S2C 4 DL BL	50	2874940000
S3C 4 DL BL	50	2874950000
S4C 4 DL BL	50	2874960000
S2C 4 PE DL	50	2874970000
S3C 4 PE DL	50	2874980000
S4C 4 PE DL	50	2874990000
S2T 2.5 DL	50	2902470000
S2T 2.5 DL BL	50	2902480000
S2T 2.5 FT-PE DL	50	2902490000
S2T 2.5 VL DL	50	2902500000
S2T 2.5 VL DL BL	50	2902510000
S2T 2.5 PE DL	50	2902520000
Availability on request		

Hybride terminal blocks

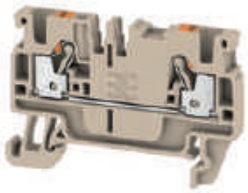
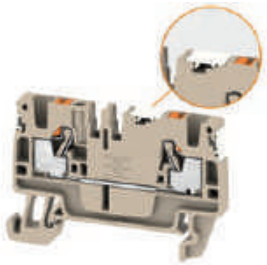
Type	Qty.	Order No.
AWPD 35 4X10 DL	20	2798140000
AWPD 35 4X6/6X2.5 DL	20	2798150000
Availability on request		

Terminal blocks for instrument transformer wiring

Type	Qty.	Order No.
ATTB 6 DL	50	2792420000
ATTB 6 PE DL	50	2792430000
WTTB 6 DL	50	2792440000
WTTB 6 PE DL	50	2792450000
HTTB 6 DL	50	2792460000
HTTB 6 PE DL	50	2792470000
Availability on request		

End brackets

Type	Qty.	Order No.
AEB 35 SCL/1 V0 DL	50	2570240000
AEB 35 SCL/1 V0 GY DL	50	2570260000
AEB 35 SCL/1 V0 BK DL	50	2570250000
AEB 35 SCL/1 V0 TGY DL	20	2817770000
Availability on request		

	A2C 2.5	2.5 mm²	A2C 2.5 DL	2.5 mm²
				
Width/Height/Depth mm	5.1 x 55 x 36.5		5.1 x 55 x 36.5	
max. current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

Rated data							
Rated voltage of feed-through terminal V	IEC 60947-7-1				IEC 60947-7-1		
Rated current A	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	800	600	600		800			
Rated impulse withstand voltage / Pollution severity	24	20	20		24			
Gauge to IEC 60947-1 / UL 94 flammability rating	2.5	AWG 28...12	AWG 28...12		2.5			
Number of operating cycles		8 kV / 3				8 kV / 3		
Approvals		A3 / V-0				A3 / V-0		
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...4				0.5...2.5 / 0.5...4			
Stripping length / Blade size mm/-	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2C 2.5	100	1521850000	A2C 2.5 DL	100	2674690000
Blue	A2C 2.5 BL	100	1521880000			
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
dark beige	AEP 2C 2.5		50	1514400000	AEP 2C 2.5		50	1514400000
Blue	AEP 2C 2.5 BL		50	1514420000	AEP 2C 2.5 BL		50	1514420000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	0.2 A	25	2041180000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000				
	DEK 5/5 MM WS		800	2007110000				
	WS 8/5 MM WS		800	2007150000				
	WS 10/5 M PLUS MC NE WS		600	2003770000				

For detailed information on other accessories and application in the online catalogue

Integrated partition plate

APP1

Dimensions		
Width / Height / Depth	mm	2.5 / 52.67 / 36.15
Continuous operating temp., min.		-60 °C
Continuous operating temp., max.		130 °C
Material		Wemid
UL 94 flammability rating		V-0

Ordering data		
dark beige		

Typ	VPE	Order No.
APP 1	50	2488970000

matching terminals

A2C 1.5	1552790000
A2C 1.5 PE	1552680000
APGTB 1.5 FT 2C/1	2482160000
APGTB 1.5 PE 2C/1	2482220000
A2C 2.5	1521850000
A2C 2.5 PE	1521680000
APGTB 2.5 FT 2C/1	1513970000
APGTB 2.5 PE 2C/1	1513870000

Note

APP2

2.5 / 75.51 / 45.15	
-60 °C	
130 °C	
Wemid	
V-0	

Type	Qty.	Order No.
APP 2	50	2489090000

A3C 1.5	1552740000
A3C 1.5 PE	1552670000
A4C 1.5	1552690000
A4C 1.5 PE	1552660000
APGTB 1.5 FT 3C/1	2482180000
APGTB 1.5 PE 3C/1	2482230000
ADT 2.5 2C	1989800000
A2C 2.5 /DT/FS	1989900000
A2C 2.5 PE /DT/FS	1989890000
A3C 2.5	1521740000
A3C 2.5 PE	1521670000
A4C 2.5	1521690000
A4C 2.5 PE	1521540000
APGTB 2.5 FT 3C/1	1514000000
APGTB 2.5 PE 3C/1	1513890000
AFS 2.5 CF 2C BK	2466530000
AFS 2.5 CF 2C 12V BK	2466610000
AFS 2.5 CF 2C 24V BK	2466600000
A2C 4	2051180000
A2C 4 PE	2051360000
A3C 4	2051240000
A3C 4 PE	2051410000
A4C 4	2051500000
A4C 4 PE	2051560000
ADT 4 2C	2429850000
AFS 4 2C BK	2429860000
A2C 6	1992110000
A2C 6 PE	1991810000

APP3

2.5 / 104.2 / 45.15	
-60 °C	
130 °C	
Wemid	
V-0	

Type	Qty.	Order No.
APP 3	50	2489100000

APGTB 1.5 FT 4C/2	2482200000
APGTB 1.5 PE 4C/2	2482240000
APGTB 2.5 FT 4C/2	1514030000
APGTB 2.5 PE 4C/2	1513920000
ADT 2.5 3C	1989830000
ADT 2.5 4C	1989860000
A3C 6	1991820000
A3C 6 PE	1991850000
AAP11 ...	
AAP13 ...	
AIO21 1.5 SI	1992260000
AIO21 1.5 SO	1992240000
AIO21 1.5 SO-PE	1992250000
AIO22 1.5 SI-PE	1992230000

Integrated partition plate

APP4

Dimensions		
Width / Height / Depth	mm	2.5 / 89.15 / 54.85
Continuous operating temp., min.		-60 °C
Continuous operating temp., max.		130 °C
Material		Wemid
UL 94 flammability rating		V-0

Ordering data		
dark beige		

Type	Qty.	Order No.
APP 4	50	2489110000

matching terminals

APGTB 1.5 2T 4C/2	2485840000
APGTB 1.5 2T PE 4C/2	2485870000
A2T 1.5	2469370000
A2T 1.5 PE	2469410000
A2T 2.5	1547610000
A2T 2.5 PE	1547680000
APGTB 2.5 2T 4C/2	1548060000
APGTB 2.5 2T PE 4C/2	1548160000

Note

Pluggable Cross-Connection ZQV

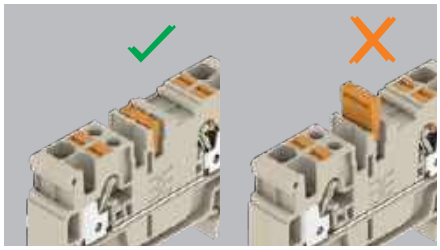
Weidmüller offers plug-in and screwed cross-connection systems for screw-connection terminal blocks. The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions. This also ensures that all poles always contact reliably.

Fitting and changing crossconnections

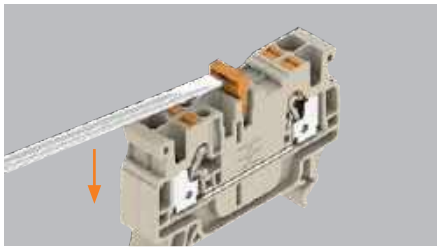
The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the crossconnection channel in the terminal...

... and press it fully home.
(The cross-connection may not project from the channel.)

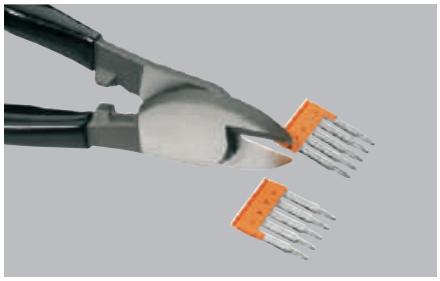


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000).
However, three contact elements must always be retained.

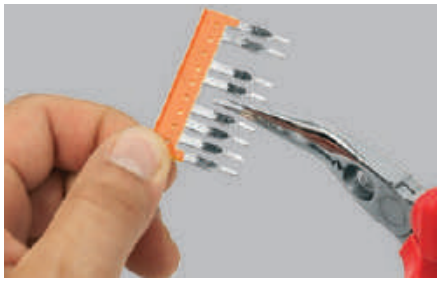


Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

Caution:
Contact elements must not be deformed!

Note: By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.



ALO 6 and ALO 16 supply terminals

The ALO 6 and ALO 16 supply terminals can be fed by wires of cross-section 6 or 16 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller cross-section. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.

Integrated endplate

Output options and cross-connectors to use

Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 6	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•

Maximum current flow Imax only with ALO 6

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	6 mm²	41 A	41 A
A3C 1.5	ZQV 1.5N	6 mm²	41 A	41 A
A4C 1.5	ZQV 1.5N	6 mm²	41 A	41 A
A2C 2.5	ZQV 2.5N	6 mm²	41 A	41 A
A3C 2.5	ZQV 2.5N	6 mm²	41 A	41 A
A4C 2.5	ZQV 2.5N	6 mm²	41 A	41 A

Output options and cross-connectors to use

Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 16	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•
	A2C 4	ZQV 4N	•	•
	A3C 4	ZQV 4N	•	•
	A4C 4	ZQV 4N	•	•
	A2C 6	ZQV 6N	•	•
	A3C 6	ZQV 6N	•	•

Maximum current flow Imax at ALO 16 with cross-section 16 mm²

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	16 mm²	48 A	72 A
A3C 1.5	ZQV 1.5N	16 mm²	48 A	72 A
A4C 1.5	ZQV 1.5N	16 mm²	48 A	72 A
A2C 2.5	ZQV 2.5N	16 mm²	68 A	76 A
A3C 2.5	ZQV 2.5N	16 mm²	68 A	76 A
A4C 2.5	ZQV 2.5N	16 mm²	68 A	76 A
A2C 4	ZQV 4N	16 mm²	76 A	76 A
A3C 4	ZQV 4N	16 mm²	76 A	76 A
A4C 4	ZQV 4N	16 mm²	76 A	76 A
A2C 6	ZQV 6N	16 mm²	76 A	76 A
A3C 6	ZQV 6N	16 mm²	76 A	76 A

Maximum current flow Imax at ALO 16 with cross-section 10 mm²

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	10 mm²	48 A	57 A
A3C 1.5	ZQV 1.5N	10 mm²	48 A	57 A
A4C 1.5	ZQV 1.5N	10 mm²	48 A	57 A
A2C 2.5	ZQV 2.5N	10 mm²	57 A	57 A
A3C 2.5	ZQV 2.5N	10 mm²	57 A	57 A
A4C 2.5	ZQV 2.5N	10 mm²	57 A	57 A
A2C 4	ZQV 4N	10 mm²	57 A	57 A
A3C 4	ZQV 4N	10 mm²	57 A	57 A
A4C 4	ZQV 4N	10 mm²	57 A	57 A
A2C 6	ZQV 6N	10 mm²	57 A	57 A
A3C 6	ZQV 6N	10 mm²	57 A	57 A

Imax = Σ In (left)

Imax = Σ In (left) + Σ In (right)

Imax = Σ In (right)

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side.
The conductor before the output fuse must be routed to make it “short-circuit proof”.

Supply on the left

Supply on the right

Supply options and corresponding cross-connections

left

Output terminals		Supply terminals	2.5 mm² A2C	2.5 mm² A3C	2.5 mm² A4C	2.5 mm² ADT 2C	2.5 mm² AFS 2C CF	4 mm² A2C	4 mm² A3C	4 mm² A4C	4 mm² ADT 2C	4 mm² AFS 2C	6 mm² A2C	6 mm² A3C
right														
1.5 mm²	A2C	ZQV 1.5N	•											
	A3C		•	•										
	A4C		•	•	•	•	•							
2.5 mm²	A2C	ZQV 2.5N						•						
	A3C							•	•					
	A4C							•	•	•	•	•		
	ADT 2C							•	•	•	•	•		
	AFS 2C CF							•	•	•	•	•		
4 mm²	A2C	ZQV 4N											•	•
	A3C												•	
	A4C												•	
	ADT 2C												•	
	AFS 2C												•	

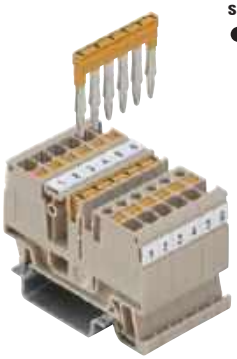
right

Output terminals		Supply terminals	2.5 mm² A2C	2.5 mm² A3C	2.5 mm² A4C	2.5 mm² ADT 2C	2.5 mm² AFS 2C CF	4 mm² A2C	4 mm² A3C	4 mm² A4C	4 mm² ADT 2C	4 mm² AFS 2C	6 mm² A2C	6 mm² A3C
left														
1.5 mm²	A2C	ZQV 1.5N	•	•	•	•	•							
	A3C			•	•	•	•							
	A4C				•									
2.5 mm²	A2C	ZQV 2.5N						•	•	•	•	•		
	A3C								•	•	•	•		
	A4C									•				
	ADT 2C													
	AFS 2C CF													
4 mm²	A2C	ZQV 4N											•	•
	A3C													
	A4C													
	ADT 2C													
	AFS 2C													

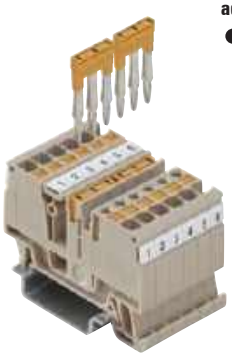
Possible combinations

In one cross-connection channel

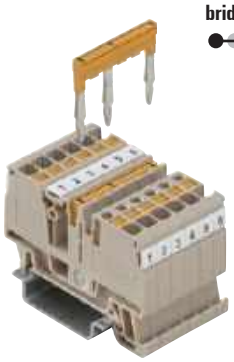
single



adjacent

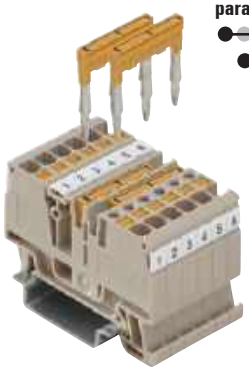


bridging



In two cross-connection channels

parallel/bridging



parallel/lengthening

chain bridge

Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type Standard terminals	Cross-section mm²	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
A ... C	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A2T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A2T PE	1.5	ZQV 1.5N/...	•	•	•			
A3T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A3T PE	1.5	ZQV 1.5N/...	•	•	•			
APGTB	1.5	ZQV 1.5N/...	•	•	•	•	•	•
APGTB 2T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
APGTB 2T PE	1.5	ZQV 1.5N/...	•	•	•			
A ... C	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A2T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A2T PE	2.5	ZQV 2.5N/...	•	•	•			
A3T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A3T PE	2.5	ZQV 2.5N/...	•	•	•			
ADT	2.5	ZQV 2.5N/...	•	•	•	•	•	•
AFS	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB 2T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB 2T PE	2.5	ZQV 2.5N/...	•	•	•			
A ... C	4	ZQV 4N/...	•	•	•	•	•	•
A2T	4	ZQV 4N/...	•	•	•	•	•	•
A2T PE	4	ZQV 4N/...	•	•	•			
ADT	4	ZQV 4N/...	•	•	•	•	•	•
AFS	4	ZQV 4N/...	•	•	•	•	•	•
APGTB	4	ZQV 4N/...	•	•	•	•	•	•
APGTB 2T	4	ZQV 4N/...	•	•	•	•	•	•
APGTB 2T PE	4	ZQV 4N/...	•	•	•			
A ... C	6	ZQV 6N/...	•	•	•	•	•	•
A ... C	10	ZQV 10N/...	•	•	•	•	•	•
A ... C	16	ZQV 16N/...	•	•	•	•	•	•

Cross-connections according to dimensions

ZQV 1.5N

Technical data			
Rated current	A	17.5	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 1.5N/2	60	1985410000
3-pole		ZQV 1.5N/3	60	1985480000
4-pole		ZQV 1.5N/4	60	1985490000
5-pole		ZQV 1.5N/5	20	1985500000
6-pole		ZQV 1.5N/6	20	1985510000
7-pole		ZQV 1.5N/7	20	1985520000
8-pole		ZQV 1.5N/8	20	1985540000
9-pole		ZQV 1.5N/9	20	1985560000
10-pole		ZQV 1.5N/10	20	1985580000
20-pole		ZQV 1.5N/20	20	1985600000
41-poles				
50-pole		ZQV 1.5N/50	5	1985620000
Note				

ZQV 2.5N

		24	
		Type	**Qty.**	**Order No.**
		ZQV 2.5N/2	60	1527540000
		ZQV 2.5N/3	60	1527570000
		ZQV 2.5N/4	60	1527590000
		ZQV 2.5N/5	20	1527620000
		ZQV 2.5N/6	20	1527630000
		ZQV 2.5N/7	20	1527640000
		ZQV 2.5N/8	20	1527670000
		ZQV 2.5N/9	20	1527680000
		ZQV 2.5N/10	20	1527690000
		ZQV 2.5N/20	20	1527720000
		ZQV 2.5N/50	5	1527730000

ZQV 4N

		32	
		Type	**Qty.**	**Order No.**
		ZQV 4N/2	60	1527930000
		ZQV 4N/3	60	1527940000
		ZQV 4N/4	60	1527970000
		ZQV 4N/5	60	1527980000
		ZQV 4N/6	20	1527990000
		ZQV 4N/7	20	1528020000
		ZQV 4N/8	20	1528030000
		ZQV 4N/9	20	1528070000
		ZQV 4N/10	20	1528090000
		ZQV 4N/20		2883800000
		ZQV 4N/41		2883810000
		ZQV 4N/50	5	1528130000

Technical data			
Rated current	A	17.5	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 1.5N/2 BL	60	1985530000
3-pole		ZQV 1.5N/3 BL	60	1985550000
4-pole		ZQV 1.5N/4 BL	60	1985570000
5-pole		ZQV 1.5N/5 BL	20	1985590000
6-pole		ZQV 1.5N/6 BL	20	1985610000
7-pole		ZQV 1.5N/7 BL	20	1985630000
8-pole		ZQV 1.5N/8 BL	20	1985640000
9-pole		ZQV 1.5N/9 BL	20	1985660000
10-pole		ZQV 1.5N/10 BL	20	1985680000
20-pole		ZQV 1.5N/20 BL	20	1985700000
41-poles				
50-pole		ZQV 1.5N/50 BL	5	1985720000
Note				

		24	
		Type	**Qty.**	**Order No.**
		ZQV 2.5N/2 BL	60	1527740000
		ZQV 2.5N/3 BL	60	1527770000
		ZQV 2.5N/4 BL	60	1527780000
		ZQV 2.5N/5 BL	20	1527790000
		ZQV 2.5N/6 BL	20	1527820000
		ZQV 2.5N/7 BL	20	1527830000
		ZQV 2.5N/8 BL	20	1527840000
		ZQV 2.5N/9 BL	20	1527870000
		ZQV 2.5N/10 BL	20	1527880000
		ZQV 2.5N/20 BL	20	1527890000
		ZQV 2.5N/50 BL	5	1527920000

		32	
		Type	**Qty.**	**Order No.**
		ZQV 4N/2 BL	60	1528040000
		ZQV 4N/3 BL	60	1528080000
		ZQV 4N/4 BL	60	1528120000
		ZQV 4N/5 BL	60	1528140000
		ZQV 4N/6 BL	20	1528170000
		ZQV 4N/7 BL	20	1528180000
		ZQV 4N/8 BL	20	1528190000
		ZQV 4N/9 BL	20	1528220000
		ZQV 4N/10 BL	20	1528230000
		ZQV 4N/20 BL	20	2810850000
		ZQV 4N/41 BL		2883820000
		ZQV 4N/50 BL	5	1528240000

Technical data			
Rated current	A	17.5	
Ordering data		**Type**	**Qty.**	**Order No.**
2-pole		ZQV 1.5N/2 RD	60	1985650000
3-pole		ZQV 1.5N/3 RD	60	1985670000
4-pole		ZQV 1.5N/4 RD	60	1985690000
5-pole		ZQV 1.5N/5 RD	20	1985710000
6-pole		ZQV 1.5N/6 RD	20	1985730000
7-pole		ZQV 1.5N/7 RD	20	1985750000
8-pole		ZQV 1.5N/8 RD	20	1985770000
9-pole		ZQV 1.5N/9 RD	20	1985790000
10-pole		ZQV 1.5N/10 RD	20	1985800000
20-pole		ZQV 1.5N/20 RD	20	1985810000
41-poles				
50-pole		ZQV 1.5N/50 RD	5	1985820000
Note				

		24	
		Type	**Qty.**	**Order No.**
		ZQV 2.5N/2 RD	60	2108470000
		ZQV 2.5N/3 RD	60	2108690000
		ZQV 2.5N/4 RD	60	2108700000
		ZQV 2.5N/5 RD	20	2108710000
		ZQV 2.5N/6 RD	20	2108720000
		ZQV 2.5N/7 RD	20	2108810000
		ZQV 2.5N/8 RD	20	2108870000
		ZQV 2.5N/9 RD	20	2108900000
		ZQV 2.5N/10 RD	20	2108910000
		ZQV 2.5N/20 RD	20	2108920000
		ZQV 2.5N/50 RD	5	2109000000

		32	
		Type	**Qty.**	**Order No.**
		ZQV 4N/2 RD	60	2460450000
		ZQV 4N/3 RD	60	2460810000
		ZQV 4N/4 RD	60	2460800000
		ZQV 4N/5 RD	60	2460790000
		ZQV 4N/6 RD	20	2460780000
		ZQV 4N/7 RD	20	2460770000
		ZQV 4N/8 RD	20	2460760000
		ZQV 4N/9 RD	20	2460750000
		ZQV 4N/10 RD	20	2460740000
		ZQV 4N/20 RD	20	2810860000
		ZQV 4N/41 RD		2883840000
		ZQV 4N/50 RD	5	2460730000

ZQV 6N

41

Type	Qty.	Order No.
ZQV 6N/2	60	1985740000
ZQV 6N/3	60	1985760000
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000
ZQV 6N/20	20	2810820000

41

Type	Qty.	Order No.
ZQV 6N/2 BL	60	1985830000
ZQV 6N/3 BL	60	1985840000
ZQV 6N/4 BL	60	1985850000
ZQV 6N/6 BL	20	2786890000
ZQV 6N/7 BL	20	2786900000
ZQV 6N/10 BL	20	2786910000

ZQV 10N/2

57

Type	Qty.	Order No.
ZQV 10N/2	25	2497250000

ZQV 16N/2

76

Type	Qty.	Order No.
ZQV 16N/2	25	2497290000

ZQV 35N/2

125

Type	Qty.	Order No.
ZQV 35N/2	10	2634950000

Reducing bridge

Type	Qty.	Order No.
ZQV 35N - 16	10	2562660000
ZQV 35N - 10	10	2562670000

Cross-connections according to dimensions

Technical data	
Rated current	A
Ordering data	
	2-pole
	3-pole
Note	

ZQV 50/70N

150

Type	Qty.	Order No.
ZQV 50/70N/2	10	**2663400000**

ZQV 95/120N

192

Type	Qty.	Order No.
ZQV 95/120N/2	10	**2694250000**
ZQV 95/120N/3	10	**2694260000**

ZQV 150/185N

232

Type	Qty.	Order No.
ZQV 150/185N/2	5	**2728840000**
ZQV 150/185N/3	5	**2728850000**

Cross-connections according to dimensions

ZQV 2.5N

Technical data			
Rated current	A	24	
Ordering data			
		Type	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 WT	60	**2831560000**
3-pole		ZQV 2.5N/3 WT	60	**2831570000**
4-pole		ZQV 2.5N/4 WT	60	**2831580000**
5-pole		ZQV 2.5N/5 WT	20	**2831590000**
6-pole		ZQV 2.5N/6 WT	20	**2831600000**
7-pole		ZQV 2.5N/7 WT	20	**2831610000**
8-pole		ZQV 2.5N/8 WT	20	**2831620000**
9-pole		ZQV 2.5N/9 WT	20	**2831630000**
10-pole		ZQV 2.5N/10 WT	20	**2831640000**
20-pole		ZQV 2.5N/20 WT	20	**2831650000**
41-poles				
50-pole		ZQV 2.5N/50 WT	5	**2831660000**
Note				

ZQV 4N

		32
Type	**Qty.**	**Order No.**
ZQV 4N/2 WT	60	**2831800000**
ZQV 4N/3 WT	60	**2831810000**
ZQV 4N/4 WT	60	**2831820000**
ZQV 4N/5 WT	60	**2831830000**
ZQV 4N/6 WT	20	**2831840000**
ZQV 4N/7 WT	20	**2831850000**
ZQV 4N/8 WT	20	**2831860000**
ZQV 4N/9 WT	20	**2831870000**
ZQV 4N/10 WT	20	**2831790000**

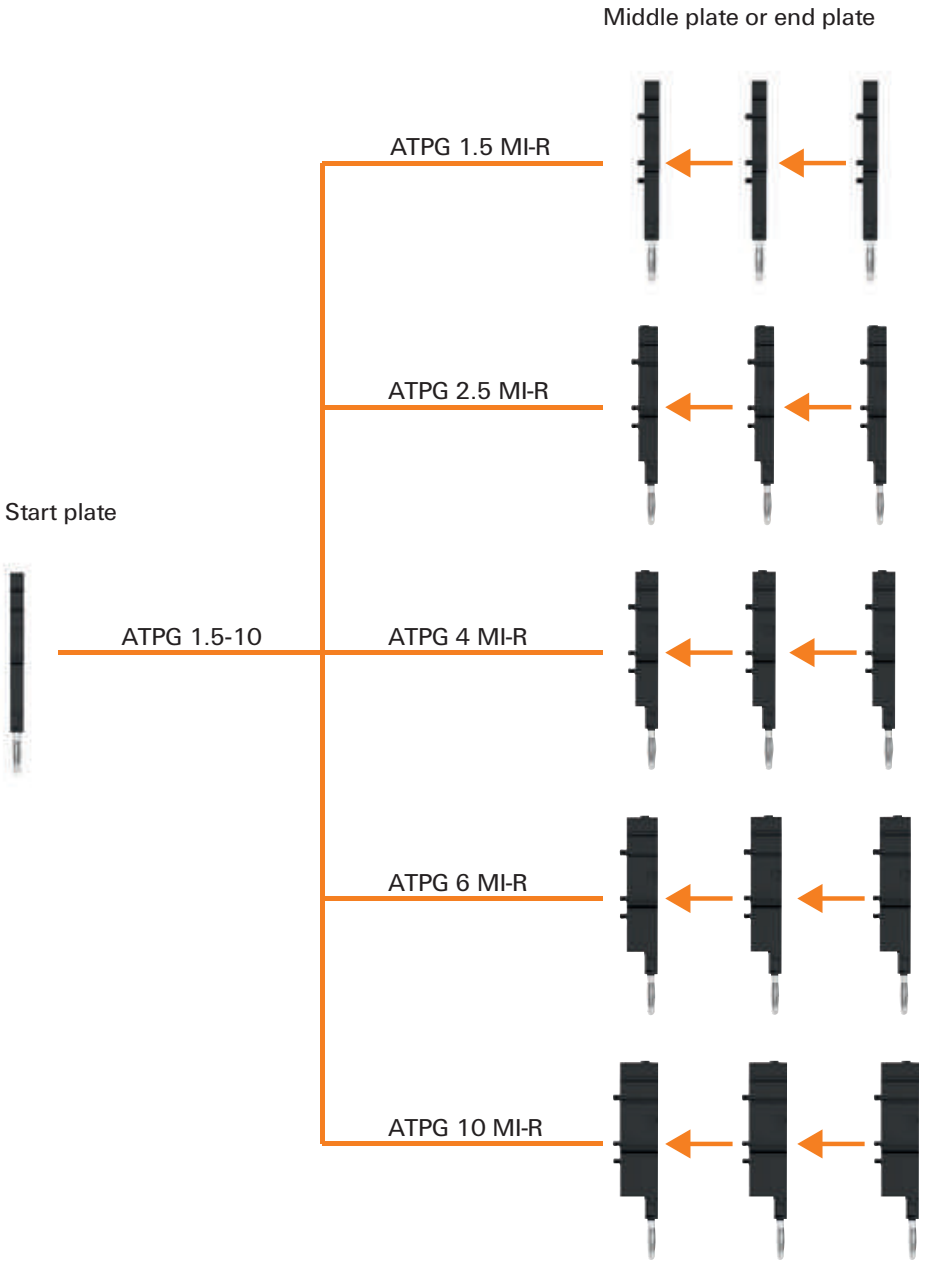
Technical data			
Rated current	A	24	
Ordering data			
		Type	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 BK	60	**2831670000**
3-pole		ZQV 2.5N/3 BK	60	**2831680000**
4-pole		ZQV 2.5N/4 BK	60	**2831690000**
5-pole		ZQV 2.5N/5 BK	20	**2831700000**
6-pole		ZQV 2.5N/6 BK	20	**2831710000**
7-pole		ZQV 2.5N/7 BK	20	**2831720000**
8-pole		ZQV 2.5N/8 BK	20	**2831730000**
9-pole		ZQV 2.5N/9 BK	20	**2831740000**
10-pole		ZQV 2.5N/10 BK	20	**2831750000**
20-pole		ZQV 2.5N/20 BK	20	**2831760000**
41-poles				
50-pole		ZQV 2.5N/50 BK	5	**2831770000**
Note				

		32
Type	**Qty.**	**Order No.**
ZQV 4N/2 BK	60	**2810840000**
ZQV 4N/3 BK	60	**2810880000**
ZQV 4N/4 BK	60	**2810890000**
ZQV 4N/5 BK	60	**2810900000**
ZQV 4N/6 BK	20	**2810910000**
ZQV 4N/7 BK	20	**2810920000**
ZQV 4N/8 BK	20	**2810930000**
ZQV 4N/9 BK	20	**2831780000**
ZQV 4N/10 BK	20	**2810830000**
ZQV 4N/20 BK	20	**2810870000**
ZQV 4N/41 BK	10	**2831890000**

Test adapters for self-assembly:
The test adapters offer a flexible solution for every task – they can be connected by threading them together in accordance with the application to be fulfilled.

Note:
The start plate can only be combined with one size of expansion plate.

Structure of the test adapter system



Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

		ATPG 1.5-10	ATPG 1.5 MI-R	ATPG 2.5 MI-R
		Start plate	**Middle plate or end plate**	**Middle plate or end plate**
Dimensions				
Width / Length / Height	mm	3.5 / / 18.5	3.5 / / 18.5	5.1 / / 18.5
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V			
Rated current	A	0.2	0.2	0.2
for wire cross-section	mm²	1.5	1.5	1.5
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	0.5…1.5	0.5…1.5	0.5…1.5
Flexible / Flexible with ferrule	mm²	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1
Ordering data				
	1-pole	**Type** ATPG 1.5-10 L, **Qty.** 50, **Order No.** 1991890000	**Type** ATPG 1.5 MI-R, **Qty.** 50, **Order No.** 1991880000	**Type** ATPG 2.5 MI-R, **Qty.** 50, **Order No.** 1991960000
	3-pole			ATPG 2.5/3, **Qty.** 25, **Order No.** 2041190000
	5-pole			ATPG 2.5/5, **Qty.** 25, **Order No.** 2041180000
Note				

Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

		ATPG 4 MI-R-10	ATPG 6 MI-R	ATPG 10 MI-R
		Middle plate or end plate	**Middle plate or end plate**	**Middle plate or end plate**
Dimensions				
Width / Length / Height	mm	6.1 / / 18.5	7.9 / / 18.5	9.9 / / 18.5
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V			
Rated current	A	0.2	0.2	0.2
for wire cross-section	mm²	1.5	1.5	1.5
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	0.5…1.5	0.5…1.5	0.5…1.5
Flexible / Flexible with ferrule	mm²	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1	0.5…1.5 / 0.5…1
Ordering data				
	1-pole	**Type** ATPG 4 MI-R, **Qty.** 50, **Order No.** 1991860000	**Type** ATPG 6 MI-R, **Qty.** 50, **Order No.** 1991930000	**Type** ATPG 10 MI-R, **Qty.** 50, **Order No.** 1991870000
	3-pole			
	5-pole			
Note				

AAM 1.5 YE FLASH

Dimensions	
Width / Height / Depth	2,5 / 52,67 / 36,15 mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2

Ordering data			
Type	Qty.	Order No.	
AAM 1.5 YE FLASH	40	2635520000	yellow

Note

AAM 2.5 YE FLASH

Dimensions	
Width / Height / Depth	2,5 / 75,51 / 45,15 mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2

Ordering data			
Type	Qty.	Order No.	
AAM 2.5 YE FLASH	40	2635550000	yellow

Note

AAM 4 YE FLASH

Dimensions	
Width / Height / Depth	2,5 / 52,67 / 36,15 mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2

Ordering data			
Type	Qty.	Order No.	
AAM 4 YE FLASH	40	2635560000	yellow

Note

AAM 6 YE FLASH

Dimensions	
Width / Height / Depth	2,5 / 75,51 / 45,15 mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2

Ordering data			
Type	Qty.	Order No.	
AAM 6 YE FASH	40	2635570000	yellow

Note

AAM 10 YE FLASH

Dimensions	
Width / Height / Depth	2,5 / 52,67 / 36,15 mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2

Ordering data			
Type	Qty.	Order No.	
AAM 10 YE FLASH	40	2635580000	yellow

Note

AAM 16 YE FLASH

Dimensions	
Width / Height / Depth	2,5 / 75,51 / 45,15 mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2

Ordering data			
Type	Qty.	Order No.	
AAM 16 YE FLASH	40	2635590000	yellow

Note

End bracket

AEB 35 SCL/1 V0 ...

Dimensions	
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-0

Ordering data		Type	Qty.	Order No.
	dark beige	AEB 35 SCL/1 V0	50	2661280000
	light grey	AEB 35 SCL/1 V0 GY	50	2661290000
	black	AEB 35 SCL/1 V0 BK	50	2661300000

Note

AEB 35 SCL/1 V0 ... DL

	-40 °C
	100 °C
	Polyamid
	V-0

Type	Qty.	Order No.
AEB 35 SCL/1 V0 DL	50	2570240000
AEB 35 SCL/1 V0 GY DL	50	2570260000
AEB 35 SCL/1 V0 BK DL	50	2570250000

SnapMark- Marker for multi-tier terminals

SNAPMARK 1

Dimensions	
width / height / depth mm	3.5 / 6.2 / 4.8
Continuous operating temperature, min.	-40 °C
Continuous service temperature, max.	100 °C
Material	polyamide
Flammability class according to UL 94	V-2

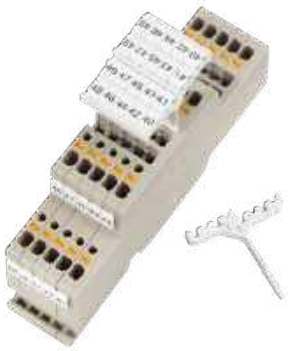
Ordering data	Type	Qty.	Order No.
	SNAPMARK I	50	1805880000

Note

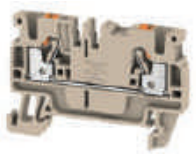
SNAPMARK 1.5

	5.1 / 8 / 5.8
	-40 °C
	100 °C
	polyamide
	V-2

Type	Qty.	Order No.
SNAPMARK I.5	40	2682080000



Spring connection with PUSH IN technology (A-Series)
Overview



Type		Order No. beige	Order No. blue BL	Order No. orange OR	Order No. red RD
1.5 mm²	A2C	1552790000	1552820000	1552830000	2508020000
	A3C	1552740000	1552770000	1552780000	2534500000
	A4C	1552690000	1552700000	1552720000	2534430000
2.5 mm²	A2C	1521850000	1521880000	1521930000	1521900000
	A3C	1521740000	1521780000	1521830000	1521800000
	A4C	1521690000	1521700000	1521720000	1521710000
4 mm²	A2C	2051180000	2051210000	2051230000	2051220000
	A3C	2051240000	2051280000	2051320000	2051300000
	A4C	2051500000	2051520000	2051540000	2051530000
6 mm²	A2C	1992110000	1991790000	1991800000	-
	A3C	1991820000	1991830000	1991840000	-

Type		Order No. yellow YL	Order No. green GN	Order No. white WT	Order No. black BK
1.5 mm²	A2C	2508190000	2508210000	2508160000	2508170000
	A3C	2534520000	2534480000	2534510000	2534230000
	A4C	2534450000	2534410000	2534440000	2534260000
2.5 mm²	A2C	1521940000	1521950000	1521970000	1521980000
	A3C	1521840000	1521870000	1521890000	1521920000
	A4C	1521730000	1521770000	1521790000	1521820000
4 mm²	A2C	2051250000	2051260000	2051290000	2051310000
	A3C	2051340000	2051350000	2051370000	2051400000
	A4C	2051550000	2051580000	2051610000	2051660000
6 mm²	A2C	-	-	-	-
	A3C	-	-	-	-

Type		Order No. light grey LTGY	Order No. dark blue DBL	Order No. brown BR	Order No. violet VT
1.5 mm²	A2C	2508220000	2508180000	2508200000	-
	A3C	2534490000	2534540000	2534530000	-
	A4C	2534420000	2534470000	2534460000	-
2.5 mm²	A2C	2003110000	2508000000	2508030000	2876640000
	A3C	2003120000	2534690000	2534750000	-
	A4C	2003130000	2534740000	2534730000	-
4 mm²	A2C	2051330000	2534380000	2534370000	-
	A3C	2051460000	2534360000	2534290000	-
	A4C	2051670000	2534400000	2534390000	-
6 mm²	A2C	-	-	-	-
	A3C	-	-	-	-

Type		Order No. beige	Order No. blue BL	Order No. orange OR	Order No. red RD
2.5 mm²	AL2C	2847200000	2847210000	2847240000	2847230000
	AL3C	2847330000	2847340000	2847370000	2847360000
	AL4C	2847460000	2847470000	2847500000	2847490000
4 mm²	AL2C	2847710000	2871870000	2871900000	2871890000
	AL3C	2847720000	2871990000	2872020000	2872010000
	AL4C	2847730000	2872110000	2872140000	2872130000

Type		Order No. yellow YL	Order No. green GN	Order No. white WT	Order No. black BK
2.5 mm²	AL2C	2847290000	2847250000	2847280000	2847270000
	AL3C	2847420000	2847380000	2847410000	2847400000
	AL4C	2847550000	2847510000	2847540000	2847530000
4 mm²	AL2C	2871950000	2871910000	2871940000	2871930000
	AL3C	2872070000	2872030000	2872060000	2872050000
	AL4C	2872190000	2872150000	2872180000	2872170000

Type		Order No. light grey LTGY	Order No. dark blue DBL	Order No. brown BR	Order No. violet VT
2.5 mm²	AL2C	2847300000	2847220000	2847310000	2847260000
	AL3C	2847430000	2847350000	2847440000	2847390000
	AL4C	2847560000	2847480000	2847570000	2847520000
4 mm²	AL2C	2871960000	2871880000	2871970000	2871920000
	AL3C	2872080000	2872000000	2872090000	2872040000
	AL4C	2872200000	2872120000	2872210000	2872160000

Flexible in wiring, vibration-resistant in operation

Klippon® Connect with proven tension clamp technology

Whether in machine construction, the automotive industry or railway and shipping: wherever there is a requirement for a particularly vibration-resistant contact, tension clamp technology proves extremely reliable. At the same time, our terminal blocks with proven tension clamp technology are perfect for compact yet manageable panel construction. The wide range with numerous additional functions and pluggable terminal blocks (WeiCoS), the wide clamping range and up to two cross-connection channels make the Z-Series perfectly adaptable to all requirements. Pluggable standard cross-connections enable flexible potential distribution.

Our promise

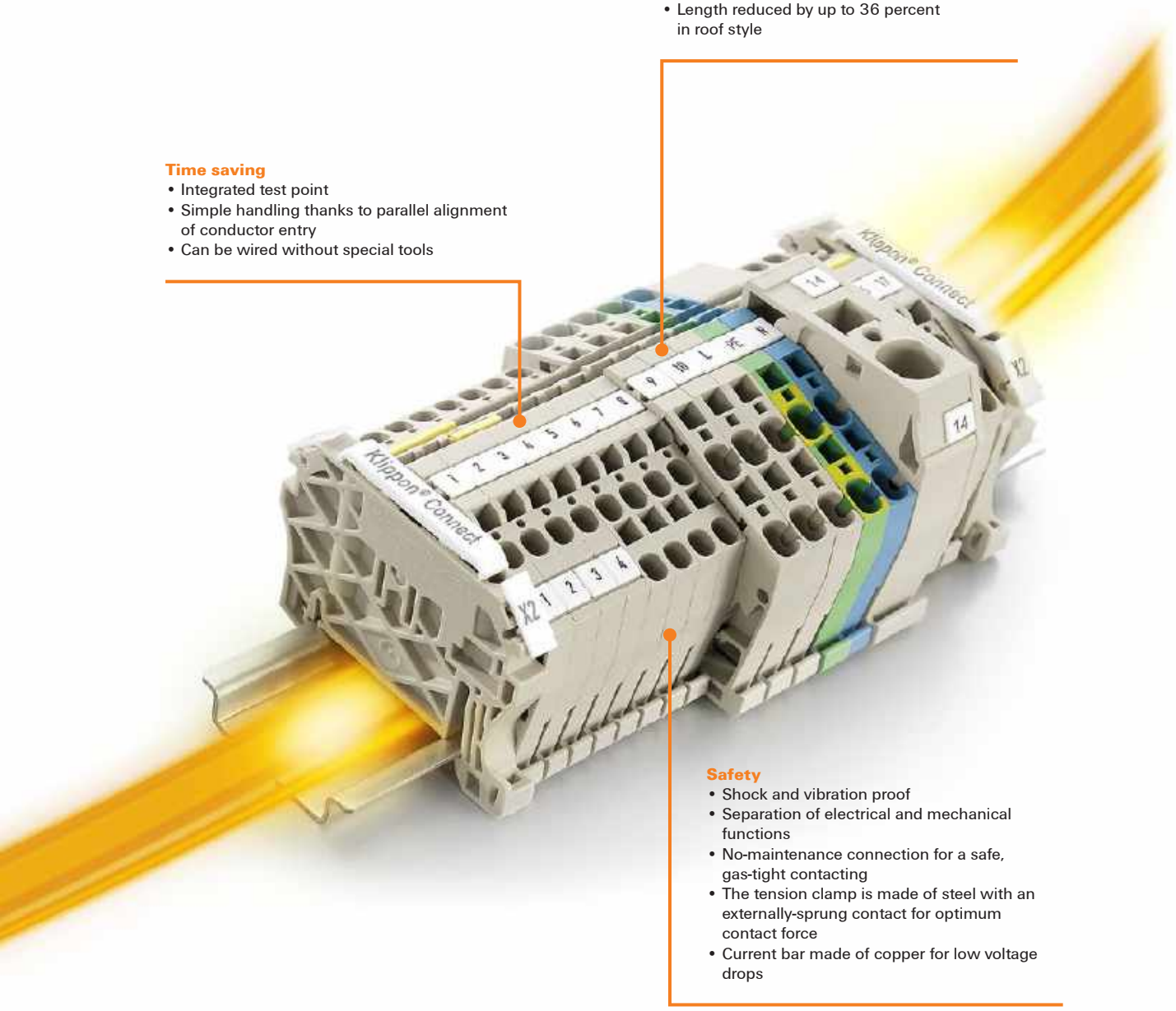
Klippon® Connect helps you reliably achieve a range of applications. Our terminal blocks with tension clamp technology are impressively compact and flexible. They contribute to highly efficient panel construction and improved productivity.

Flexibility

- Pluggable standard cross-connections for flexible potential distribution
- Secure interlocking of all plug-in connectors (WeiCoS)

Space saving
- Compact design
- Length reduced by up to 36 percent in roof style

Time saving
- Integrated test point
- Simple handling thanks to parallel alignment of conductor entry
- Can be wired without special tools



Safety
- Shock and vibration proof
- Separation of electrical and mechanical functions
- No-maintenance connection for a safe, gas-tight contacting
- The tension clamp is made of steel with an externally-sprung contact for optimum contact force
- Current bar made of copper for low voltage drops

Overview

Exceptionally practical:
The Z-Series has an impressive, practical design and comes in two variants: standard and roof. Our standard models cover wire cross-sections from 0.05 to 35 mm². Terminal blocks for wire cross-sections from 0.13 to 16 mm² are available as roof variants. The striking shape of the roof style gives a reduction in length of up to 36 percent compared to standard terminal blocks.

Simple and clear:
Despite their compact width of just 5 mm (2 connections) or 10 mm (4 connections), our block terminals guarantee absolute clarity and ease of handling thanks to the top-entry conductor feeds. This means the wiring is clear even in terminal boxes with restricted space.

ZDUB 2.5-2/2AN/RC — 2.5 mm²

Two connections

ZDUB 2.5-2/4AN/RC — 2.5 mm²

Four connections

Width/Height/Depth	mm	5.1 x 33.5 x 29
max. current / max. cond. cross-section	A/mm²	**30 / 4**
Max. clamping range	mm²	**0.13...4**

Width/Height/Depth	mm	10.2 x 33.5 x 29
max. current / max. cond. cross-section	A/mm²	**30 / 4**
Max. clamping range	mm²	**0.13...4**

Technical data

	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	800	600	600	550
Rated current	24	20	25	21
for wire cross-section	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				DEMKO16ATEX1808U
Rated connection				
	0.5...4			
	0.5...2.5 / 0.5...1.5			
	10 / 0.6 x 3.5 mm			
Note	Snap-on clip			

	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	800	600	600	550
Rated current	24	20	25	21
for wire cross-section	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				DEMKO16ATEX1808U
Rated connection				
	0.5...4			
	0.5...2.5 / 0.5...1.5			
	10 / 0.6 x 3.5 mm			
Note	Snap-on clip			

Ordering data

Version	**Type**	**Qty.**	**Order No.**
Central terminals			
dark beige	ZDUB 2.5-2/2AN/RC	100	**1712820000**
Blue	ZDUB 2.5-2/2AN/RC BL	100	**1712830000**
yellow			
Note	Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm.		

Version	**Type**	**Qty.**	**Order No.**
Central terminals			
dark beige	ZDUB 2.5-2/4AN/RC	100	**1712970000**
Blue	ZDUB 2.5-2/4AN/RC BL	100	**1712980000**
yellow	ZDUB 2.5-2/4AN/RC GE	100	**1713000000**
Note	Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-961.2 mm.		

Accessories

Plug-in cross-connection	**Type**		**Qty.**	**Order No.**
2-pole	ZQB 2.5-2	24 A	50	**1677120000**
End plate / Partition plate				
dark beige	ZAP ZDUB		50	**1704750000**
Blue	ZAP ZDUB BL		50	**1704760000**
orange	ZAP ZDUB OR		50	**1704770000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

Plug-in cross-connection	**Type**		**Qty.**	**Order No.**
2-pole	ZQB 2.5-2	24 A	50	**1677120000**
End plate / Partition plate				
dark beige	ZAP ZDUB		50	**1704750000**
Blue	ZAP ZDUB BL		50	**1704760000**
orange	ZAP ZDUB OR		50	**1704770000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

		ZDUB 2.5-2/2AN/DM	2.5 mm²	ZDUB 2.5-2/4AN/DM	2.5 mm²
		Two connections		Four connections	
Width/Height/Depth	mm	5.1 x 33.5 x 24		10.2 x 33.5 x 24	
max. current / max. cond. cross-section	A/mm²	30 / 4		30 / 4	
Max. clamping range	mm²	0.13...4		0.13...4	

Technical data

Rated data							
IEC 60947-7-1				Ex eb II C Gb		II 2 G D	
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	800	600	600	550	800	600	600	550
Rated current	24	20	25	21	24	20	25	21
for wire cross-section	2.5	AWG 26...12	AWG 26...12	2.5 mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0				A2 / V-0		
Approvals				DEMKO16ATEX1808U				DEMKO16ATEX1808U
Clamped conductors (H05V/H07V)								
Solid / Stranded	mm²	0.5...4			mm²	0.5...4		
Flexible / Flexible with ferrule	mm²	0.5...2.5			mm²	0.5...2.5 / 0.5...1.5		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			mm/-	10 / 0.6 x 3.5 mm		
Note		Direct mounting				Direct mounting		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
End terminals						
dark beige	ZDUB 2.5-2/2AN/DB	100	**1704500000**	ZDUB 2.5-2/4AN/DB	100	**1704690000**
Blue				ZDUB 2.5-2/4AN/DB BL	100	**1704700000**
yellow	ZDUB 2.5-2/2AN/DB GE	100	**1704530000**	ZDUB 2.5-2/4AN/DB GE	100	**1704720000**
Central terminals						
dark beige	ZDUB 2.5-2/2AN/DM	100	**1704350000**	ZDUB 2.5-2/4AN/DM	100	**1704540000**
Blue	ZDUB 2.5-2/2AN/DM BL	100	**1704360000**	ZDUB 2.5-2/4AN/DM BL	100	**1704550000**
yellow	ZDUB 2.5-2/2AN/DM GE	100	**1704380000**	ZDUB 2.5-2/4AN/DM GE	100	**1704570000**
orange	ZDUB 2.5-2/2AN/DM OR	100	**1704370000**	ZDUB 2.5-2/4AN/DM OR	100	**1704560000**
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQB 2.5-2	24 A	50	**1677120000**	ZQB 2.5-2	24 A	50	**1677120000**
End plate / Partition plate								
dark beige	ZAP ZDUB		50	**1704750000**	ZAP ZDUB		50	**1704750000**
Blue	ZAP ZDUB BL		50	**1704760000**	ZAP ZDUB BL		50	**1704760000**
orange	ZAP ZDUB OR		50	**1704770000**	ZAP ZDUB OR		50	**1704770000**
Mounting blocks								
dark beige	ZBB ZDUB		50	**1704740000**	ZBB ZDUB		50	**1704740000**
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Mounting foot for TS15 & TS35								
dark beige	MOFU 15/35 ZDUB		50	**1723660000**	MOFU 15/35 ZDUB		50	**1723660000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

	ZDUB 2.5-2/2AN/TS15	2.5 mm²	ZDUB 2.5-2/4AN/TS15	2.5 mm²
	Two connections		Four connections	

Width/Height/Depth	mm	5.1 x 33.5 x 31
max. current / max. cond. cross-section	A/mm²	**30 / 4**
Max. clamping range	mm²	**0.13...4**

Width/Height/Depth	mm	10.2 x 33.5 x 31
max. current / max. cond. cross-section	A/mm²	**30 / 4**
Max. clamping range	mm²	**0.13...4**

Technical data

	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	800	600	600	550
Rated current A	24	20	25	21
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				DEMKO16ATEX1808U
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note	TS 15 - block construction			

	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	800	600	600	550
Rated current A	24	20	25	21
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				DEMKO16ATEX1808U
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Note	TS 15 - block construction			

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDUB 2.5-2/2AN/15	100	**1712750000**
Blue	ZDUB 2.5-2/2AN/15 BL	100	**1712760000**
Orange	ZDUB 2.5-2/2AN/15 OR	100	**1712770000**
Note			

Version	Type	Qty.	Order No.
dark beige	ZDUB 2.5-2/4AN/15	100	**1712780000**
Blue	ZDUB 2.5-2/4AN/15 BL	100	**1712790000**
Orange	ZDUB 2.5-2/4AN/15 OR	100	**1712800000**
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
2-pole	ZQB 2.5-2	24 A	50	**1677120000**
End plate / Partition plate				
dark beige	ZAP ZDUB		50	**1704750000**
Blue	ZAP ZDUB BL		50	**1704760000**
orange	ZAP ZDUB OR		50	**1704770000**
End bracket				
beige	ZEW 15		20	**7920340000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
2-pole	ZQB 2.5-2	24 A	50	**1677120000**
End plate / Partition plate				
dark beige	ZAP ZDUB		50	**1704750000**
Blue	ZAP ZDUB BL		50	**1704760000**
orange	ZAP ZDUB OR		50	**1704770000**
End bracket				
beige	ZEW 15		20	**7920340000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**

For detailed information on other accessories and application in the online catalogue

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

ZDUA 2.5-2 — 2.5 mm²

Two connections

5.1 x 35 x 30
30 / 4
0.13...4

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	600	600	352
24	20	20	20
2.5	AWG 26...12	AWG 26...12	4 mm²
	6 kV / 3		
	A2 / V-0		
			DEMKO16ATEX1808U

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000
ZDUA 2.5-2 OR	100	1720940000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZDUA		50	1720960000
ZAP/TW ZDUA BL		50	1720970000
ZAP/TW ZDUA OR		50	1720980000
ZEW 15		20	7920340000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

ZDUA 2.5-2N — 2.5 mm²

Two connections

5.1 x 42.5 x 35
30 / 4
0.13...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2N	100	1808200000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZDUA2.5-2N		50	1808170000
ZEW 15		20	7920340000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

Modular design

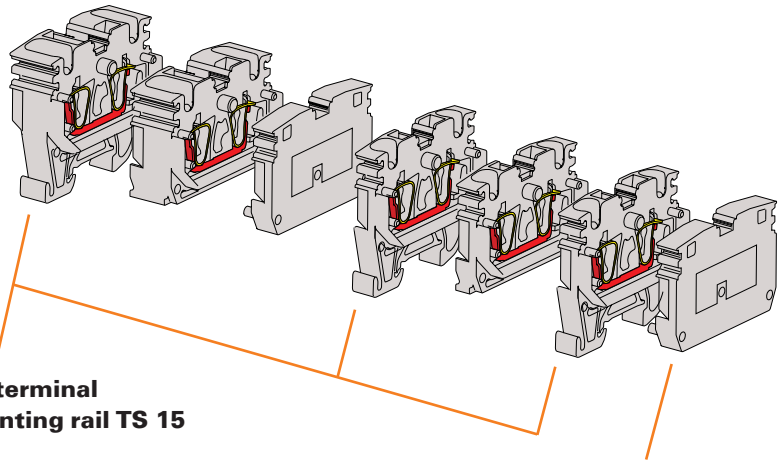
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

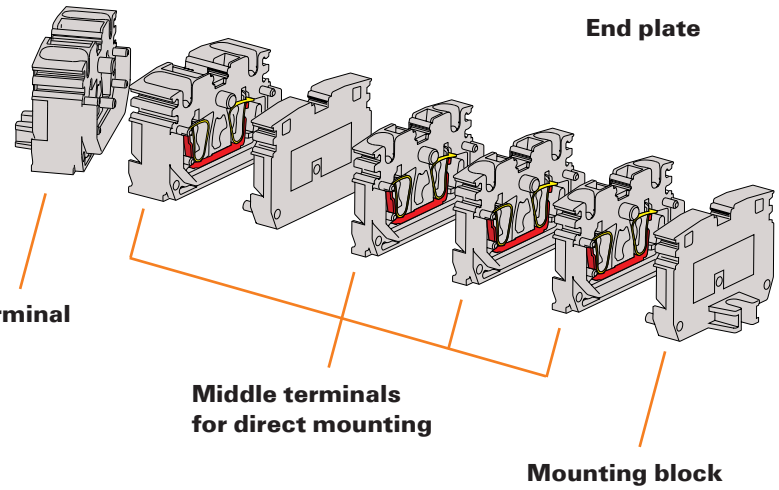
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.



Middle terminal for mounting rail TS 15

End plate



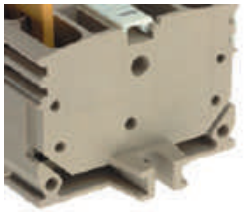
End terminal

Middle terminals for direct mounting

Mounting block

Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

... with 4 different means of fastening



Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.

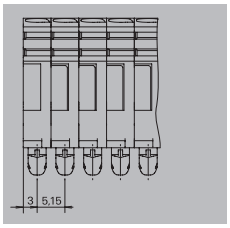
ZDUB 2.5-2 DM

Clip-on fastening on mounting plates

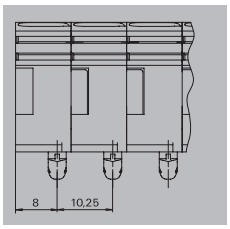
The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.

ZDUB 2.5-2 RC

Drilling plan:
ZDUB/2.5-2/2AN



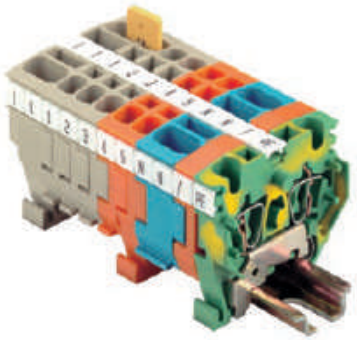
ZDUB 2.5-2/4AN



Fitting on mounting rail TS 15

For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.

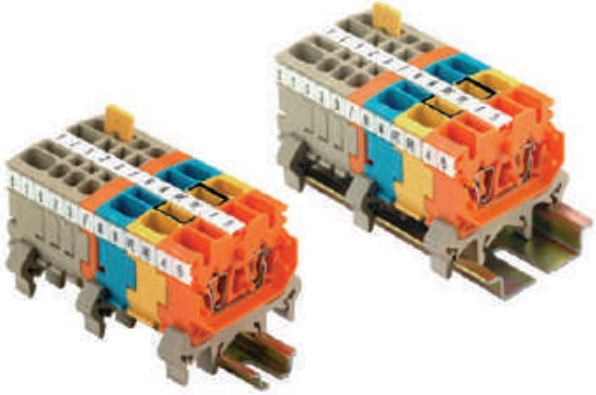
ZPEB 2.5-2 TS 15



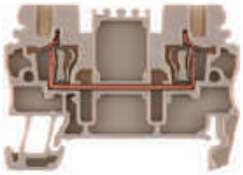
Mounting foot for mounting rail TS 15/35

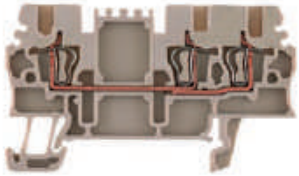
The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.

MOFU TS 15/35

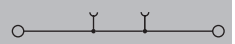


	ZDU 1.5	1.5 mm²	ZDU 1.5/3 AN	1.5 mm²
	Two connections		Three connections	

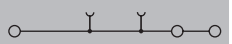




Width/Height/Depth	mm	3.5 x 51.5 x 36.5
max. current / max. cond. cross-section	A/mm²	17.5 / 1.5
Max. clamping range	mm²	0.05...1.5



Width/Height/Depth	mm	3.5 x 63.5 x 36.5
max. current / max. cond. cross-section	A/mm²	17.5 / 1.5
Max. clamping range	mm²	0.05...1.5



Technical data

		IEC 60947-7-1 / Ex eb II C Gb / II 2 G D			
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	500	300	300	550
Rated current	A	17.5	15	20	17
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage / Pollution severity		6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0			
Approvals		DEMKO15ATEX1467U			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm			
Note					

		IEC 60947-7-1 / Ex eb II C Gb / II 2 G D			
Rated data		**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	500	300	300	550
Rated current	A	17.5	15	20	15
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage / Pollution severity		6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0			
Approvals		DEMKO15ATEX1467U			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1			
Stripping length / Blade size	mm/-	10 / 0.4 x 2.0 mm			
Note					

Ordering data

Version		Type	Qty.	Order No.
	dark beige	ZDU 1.5	100	1775480000
	Blue	ZDU 1.5 BL	100	1775490000
Note				

Version		Type	Qty.	Order No.
	dark beige	ZDU 1.5/3AN	100	1775530000
	Blue	ZDU 1.5/3AN BL	100	1775540000
Note				

Accessories

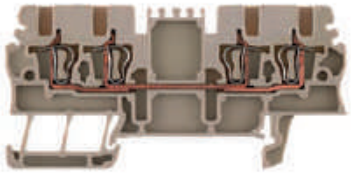
Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 1.5/2	17.5 A	60	1776120000
	4-pole				
	10-pole	ZQV 1.5/10	17.5 A	20	1776200000
End plate / Partition plate					
	dark beige	ZAP/TW ZDU1.5/2AN		20	1776030000
	Blue	ZAP/TW ZDU1.5/2AN BL		20	1776040000
End bracket					
	dark beige	ZEW 35		20	9540000000
Test adapter					
	Standard				
	With spigot				
Screwdriver					
	Standard	SDS 0.4X2.0X60		1	2749260000
Reducing sleeves					
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	1781950000
	for conductors < 1.0 mm² / AWG 18				
Cover					
	With lightning flash symbol	ZAD 7/4		20	1781940000
Marking tags					
		DEK 5/3.5 MC NE WS		500	1755270000
		WS 12/3.5 MC NE WS		600	1778270000
		DEK 5/3.5 MM WS		1000	2007100000

Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 1.5/2	17.5 A	60	1776120000
	4-pole				
	10-pole	ZQV 1.5/10	17.5 A	20	1776200000
End plate / Partition plate					
	dark beige	ZAP/TW ZDU1.5/3AN		20	1776060000
	Blue	ZAP/TW ZDU1.5/3AN BL		20	1776070000
End bracket					
	dark beige	ZEW 35		20	9540000000
Test adapter					
	Standard				
	With spigot				
Screwdriver					
	Standard	SDS 0.4X2.0X60		1	2749260000
Reducing sleeves					
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	1781950000
	for conductors < 1.0 mm² / AWG 18				
Cover					
	With lightning flash symbol	ZAD 7/4		20	1781940000
Marking tags					
		DEK 5/3.5 MC NE WS		500	1755270000
		WS 12/3.5 MC NE WS		600	1778270000
		DEK 5/3.5 MM WS		1000	2007100000

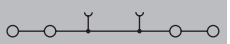
For detailed information on other accessories and application in the online catalogue

ZDU 1.5/4 AN — 1.5 mm²

Four connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	17
1.5	AWG 26...14	AWG 26...14	1.5 mm²
	6 kV / 3		
	B1 / V-0		
			DEMKO15ATEX1467U

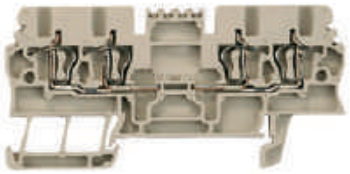
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

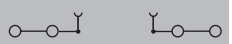
Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDU1.5/4AN		20	1776090000
ZAP/TW ZDU1.5/4AN BL		20	1776100000
ZEW 35		20	9540000000
SDS 0.4X2.0X60		1	2749260000
ZRH 1.5S/1		500	1781950000
ZAD 7/4		20	1781940000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000

ZDU 1.5 2x2AN — 1.5 mm²

2 x 2 connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
	6 kV / 3		
	B1 / V-0		

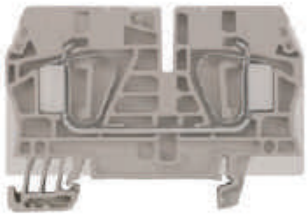
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDU 1.5/2X2AN	100	1826970000

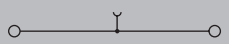
Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDU1.5/4AN		20	1776090000
ZAP/TW ZDU1.5/4AN BL		20	1776100000
ZEW 35		20	9540000000
SDS 0.4X2.0X60		1	2749260000
ZRH 1.5S/1		500	1781950000
ZAD 7/4		20	1781940000
DEK 5/3.5 MC NE WS		500	1755270000
WS 12/3.5 MC NE WS		600	1778270000
DEK 5/3.5 MM WS		1000	2007100000

ZEI 6 — 6 mm²

Supply terminal



10 x 65 x 45
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
	8 kV / 4		
	A5 / V-0		

Rated connection
0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

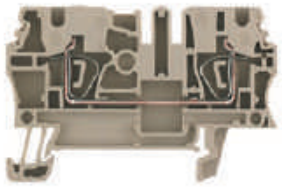
Type	Qty.	Order No.
ZEI 6	20	1791190000

End plate is integrated.

Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZEW 35		20	9540000000
ZTA 3 ZDU6	9 A	25	1654050000
SDIS SLIM 0.8X4.0X100		1	2749620000
ZAD 3/4		20	1609120000
WS 12/6 MC NE WS		600	1609900000

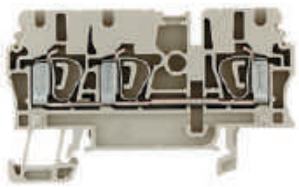
ZDU 2.5 — 2.5 mm²

Two connections



ZDU 2.5/3AN — 2.5 mm²

Three connections



		ZDU 2.5	ZDU 2.5/3AN
Width/Height/Depth	mm	5.1 x 59.5 x 38.5	5.1 x 64.5 x 38.5
max. current / max. cond. cross-section	A/mm²	30 / 4	31 / 4
Max. clamping range	mm²	0.05...4	0.05...4

Technical data

		ZDU 2.5	ZDU 2.5/3AN
Rated data			
IEC 60947-7-1		Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
Rated voltage	V	IEC 800 / UL 600 / CSA 600 / EN 60079-7 550	IEC 800 / UL 600 / CSA 600 / EN 60079-7 550
Rated current	A	24 / 25 / 27 / 22	24 / 25 / 27 / 22
for wire cross-section	mm²	2.5 / AWG 30...12 / AWG 26...12 / 4 mm²	2.5 / AWG 30...12 / AWG 26...12 / 4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0	A3 / V-0
Approvals		DEMKO15ATEX1467U	DEMKO15ATEX1467U
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	ZDU 2.5	ZDU 2.5/3AN
dark beige	Type: ZDU 2.5 — Qty.: 100 — Order No.: 1608510000	Type: ZDU 2.5/3AN — Qty.: 100 — Order No.: 1608540000
Blue	Type: ZDU 2.5 BL — Qty.: 100 — Order No.: 1608520000	Type: ZDU 2.5/3AN BL — Qty.: 100 — Order No.: 1608550000
Note		

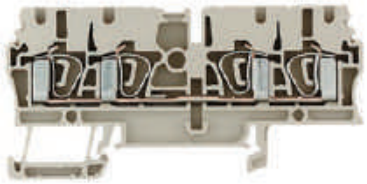
Accessories

		ZDU 2.5			ZDU 2.5/3AN		
Plug-in cross-connection							
2-pole	Type	ZQV 2.5/2	24 A	60	ZQV 2.5/2	24 A	60
	Order No.	1608860000			1608860000		
4-pole	Type	ZQV 2.5/10	24 A	20	ZQV 2.5/10	24 A	20
	Order No.	1608940000			1608940000		
End plate / Partition plate							
dark beige	Type	ZAP/TW 1		50	ZAP/TW 2 DB		50
	Order No.	1608740000			1608770000		
Blue	Type	ZAP/TW 1 BL		50	ZAP/TW 2 BL		50
	Order No.	1608750000			1608780000		
End bracket							
dark beige	Type	ZEW 35		20	ZEW 35		20
	Order No.	9540000000			9540000000		
Test adapter							
Standard	Type	ZTA 1	9 A	25	ZTA 1	9 A	25
	Order No.	1609040000			1609040000		
With spigot	Type	ZTA 1/ZA	9 A	25	ZTA 1/ZA	9 A	25
	Order No.	1609050000			1609050000		
Screwdriver							
Standard	Type	SDIS SLIM 0.6X3.5X100		1	SDIS SLIM 0.6X3.5X100		1
	Order No.	2749610000			2749610000		
Reducing sleeves							
for conductors < 0.5 mm² / AWG 20	Type	ZRH 2.5/1 WS		1000	ZRH 2.5/1 WS		1000
	Order No.	1614300000			1614300000		
for conductors < 1.0 mm² / AWG 18	Type	ZRH 2.5/2 GR/V0		1000	ZRH 2.5/2 GR/V0		1000
	Order No.	1614290000			1614290000		
Cover							
With lightning flash symbol	Type	ZAD 1/4		20	ZAD 1/4		20
	Order No.	1609110000			1609110000		
Marking tags							
	Type	DEK 5/5 MC NE WS		1000	DEK 5/5 MC NE WS		1000
	Order No.	1609801044			1609801044		
	Type	WS 10/5 MC NE WS		720	WS 10/5 MC NE WS		720
	Order No.	1635000000			1635000000		
	Type	DEK 5/5 MM WS		800	DEK 5/5 MM WS		800
	Order No.	2007110000			2007110000		

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/4AN — 2.5 mm²

Four connections



5.1 x 79.5 x 38.5
27 / 4
0.05...4

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	550
24	25	27	22
2.5	AWG 30...12	AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			DEMKO15ATEX1467U

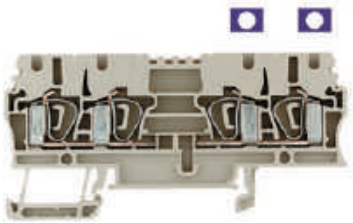
Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/4AN	100	**1608570000**
ZDU 2.5/4AN BL	100	**1608580000**

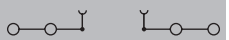
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW 3		50	**1608800000**
ZAP/TW 3 BL		50	**1608810000**
ZEW 35		20	**9540000000**
ZTA 1	9 A	25	**1609040000**
ZTA 1/ZA	9 A	25	**1609050000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 2.5/1 WS		1000	**1614300000**
ZRH 2.5/2 GR/V0		1000	**1614290000**
ZAD 1/4		20	**1609110000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**

ZDU 2.5/2x2AN — 2.5 mm²

Two potentials feasible



5.1 x 79.5 x 38.5
30 / 4
0.05...4



IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	550
24	25	27	21
2.5	AWG 26...12	AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			DEMKO15ATEX1567U

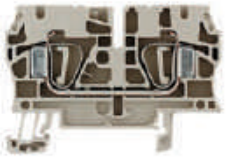
Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/2X2AN	100	**1608600000**
ZDU 2.5/2X2AN BL	100	**1608610000**

Type		Qty.	Order No.
ZAP/TW 3		50	**1608800000**
ZAP/TW 3 BL		50	**1608810000**
ZEW 35		20	**9540000000**
ZTA 1	9 A	25	**1609040000**
ZTA 1/ZA	9 A	25	**1609050000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 2.5/1 WS		1000	**1614300000**
ZRH 2.5/2 GR/V0		1000	**1614290000**
ZAD 1/4		20	**1609110000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**

ZDU 4 — 4 mm²

Two connections



ZDU 4/3 AN — 4 mm²

Three connections

		ZDU 4	ZDU 4/3 AN
Width/Height/Depth	mm	6.1 x 62 x 43	6.1 x 83.5 x 43
max. current / max. cond. cross-section	A/mm²	41 / 6	41 / 6
Max. clamping range	mm²	0.13...6	0.13...6

Technical data

	ZDU 4	ZDU 4/3 AN
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Stripping length / Blade size	mm/-	
Note		

	ZDU 4	ZDU 4/3 AN
IEC 60947-1	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
IEC	800	800
UL	32	32
CSA	35	35
EN 60079-7	28	28
IEC	4	4
UL	AWG 26...10	AWG 26...10
CSA	6 mm²	6 mm²
EN 60079-7	8 kV / 3	8 kV / 3
	A4 / V-0	A4 / V-0
	DEMKO15ATEX1467U	DEMKO15ATEX1467U
Rated connection		
	0.5...6 / 0.5...6	0.5...6 / 0.5...6
	0.5...6 / 0.5...4	0.5...6 / 0.5...4
	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm

Ordering data

Version		ZDU 4	ZDU 4/3 AN
	dark beige		
	Blue		
Note			
Type		ZDU 4	ZDU 4/3AN
Qty.		100	50
Order No.		1632050000	7904180000
Type		ZDU 4 BL	ZDU 4/3AN BL
Qty.		100	50
Order No.		1632060000	7904190000

Accessories

		ZDU 4	ZDU 4/3 AN
Plug-in cross-connection			
	2-pole		
	4-pole		
	10-pole		
End plate / Partition plate			
	dark beige		
	Blue		
End bracket			
	dark beige		
Test adapter			
	Standard		
	With spigot		
Screwdriver			
	Standard		
Reducing sleeves			
	for conductors < 0.5 mm² / AWG 20		
	for conductors < 1.0 mm² / AWG 18		
Cover			
	With lightning flash symbol		
Marking tags			

Type		Qty.	Order No.	Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000	ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000	ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW 4		50	1632090000	ZAP/TW 4/3AN		20	7904100000
ZAP/TW 4 BL		50	1632100000	ZAP/TW 4/3AN BL		20	7904110000
ZEW 35		20	9540000000	ZEW 35		20	9540000000
ZTA 2 ZDU4	9 A	25	1609060000	ZTA 2 ZDU4	9 A	25	1609060000
ZTA 2/ZA ZDU4	9 A	25	1609070000	ZTA 2/ZA ZDU4	9 A	25	1609070000
SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000	ZRH 4/1 WS		1000	1636640000
ZAD 2/4		20	1609080000	ZAD 2/4		20	1609080000
DEK 5/6 MC NE WS		1000	1609820000	DEK 5/6 MC NE WS		1000	1609820000
WS 10/6 MC NE WS		600	1828450000	WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

ZDU 4/4 AN — 4 mm²

Four connections

6.1 x 104.5 x 43
41 / 6
0.13...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800		600	550
32		35	28
4		AWG 26...10	6 mm²
	8 kV / 3		
	A4 / V-0		

DEMKO15ATEX1467U

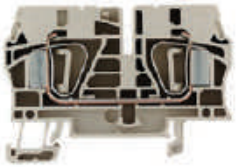
Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW4/4AN		20	7904210000
ZAP/TW4/4AN BL		20	7904220000
ZEW 35		20	9540000000
ZTA 2 ZDU4	9 A	25	1609060000
ZTA 2/ZA ZDU4	9 A	25	1609070000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000
ZAD 2/4		20	1609080000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000

ZDU 6 — 6 mm²

Two connections



8.1 x 65 x 45
57 / 10
0.22...10

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	39
6	AWG 22...8	AWG 20...8	10 mm²
	8 kV / 3		
	A5 / V-0		

DEMKO15ATEX1467U

Rated connection
0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

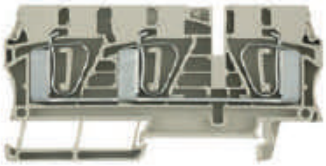
Type	Qty.	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000

1000 V DC rated voltage tested.

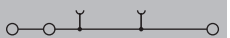
Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW 5		50	1608830000
ZAP/TW 5 BL		50	1608840000
ZEW 35		20	9540000000
ZTA 3 ZDU6	9 A	25	1654050000
SDS 1.0X5.5X150		1	2749380000
ZAD 3/4		20	1609120000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 6/3 AN — 6 mm²

Three connections



8.1 x 90 x 45
57 / 10
0.22...10



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	39
6	AWG 22...8	AWG 20...8	10 mm²
	8 kV / 3		
	A5 / V-0		

DEMKO15ATEX1467U

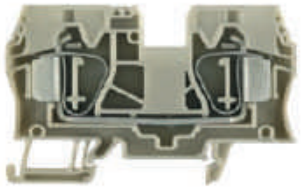
Rated connection
0.5...10
0.5...6 / 0.5...6
13 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW6/3AN		20	7907370000
ZAP/TW6/3AN BL		20	7907380000
ZEW 35		20	9540000000
ZTA 3 ZDU6	9 A	25	1654050000
SDS 1.0X5.5X150		1	2749380000
ZAD 3/4		20	1609120000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6 MC NE WS		600	1609900000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 10 — 10 mm²

Two connections



Width/Height/Depth	10 x 73.5 x 49.5 mm
max. current / max. cond. cross-section	**72 / 16** A/mm²
Max. clamping range	**1.31...16** mm²

IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
57	60	55	51
10	AWG 16...6	AWG 16...6	16 mm²
	8 kV / 3		
	A6 / V-0		

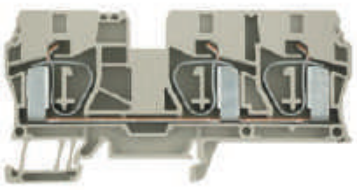
DEMKO15ATEX1467U

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

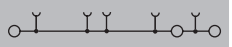
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

ZDU 10/3AN — 10 mm²

Three connections



Width/Height/Depth	10 x 99 x 49.5 mm
max. current / max. cond. cross-section	**57 / 16** A/mm²
Max. clamping range	**1.31...16** mm²



IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
57	60	55	51
10	AWG 16...6	AWG 16...6	16 mm²
	8 kV / 3		
	A6 / V-0		

DEMKO15ATEX1467U

Rated connection
1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Note

Ordering data

Version		Type	Qty.	Order No.
dark beige		ZDU 10	25	**1746750000**
Blue		ZDU 10 BL	25	**1746760000**

Note

Type	Qty.	Order No.
ZDU 10/3AN	20	**1767690000**
ZDU 10/3AN BL	20	**1767700000**

Accessories

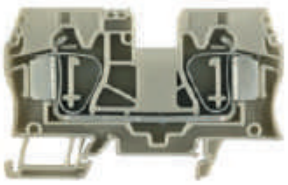
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 10/2	57 A	25	**1739680000**
4-pole				
End plate / Partition plate				
dark beige	ZAP/TW ZDU10		20	**1748660000**
Blue	ZAP/TW ZDU10 BL		20	**1764110000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	**0180400000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Cover				
With lightning flash symbol	ZAD 4/5		20	**1746730000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**

Type		Qty.	Order No.
ZQV 10/2	57 A	25	**1739680000**
ZAP/TW 10/16		20	**1749580000**
ZAP/TW 10/16 BL		20	**1768520000**
ZEW 35		20	**9540000000**
PS 2.3 RT	20 mA	20	**0180400000**
SDS 1.0X5.5X150		1	**2749380000**
ZAD 4/5		20	**1746730000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

ZDU 16 — 16 mm²

Two connections



12.1 x 82.5 x 50.5
98 / 25
1.5...25

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
1000	600	600	690
76	65	65	68
16	AWG 14...4	AWG 14...4	25 mm²
8 kV / 3			
A7 / V-0			
DEMKO15ATEX1467U			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

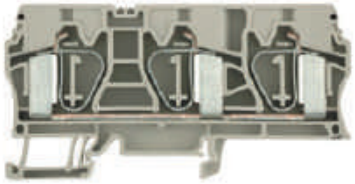
Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16. Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.

Type	Qty.	Order No.
ZDU 16	25	**1745230000**
ZDU 16 BL	25	**1745240000**

Type		Qty.	Order No.
ZQV 16/2	76 A	25	**1739690000**
ZAP/TW ZDU16		20	**1745150000**
ZAP/TW ZDU16 BL		20	**1764100000**
ZEW 35		20	**9540000000**
PS 2.3 RT	20 mA	20	**0180400000**
SDS 1.0X5.5X150		1	**2749380000**
ZAD 5/5		20	**1745210000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 15/5 MC NE WS		480	**1609880000**

ZDU 16/3 AN — 16 mm²

Three connections



12.1 x 99 x 50.5
76 / 25
1.5...25

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	600	690
76	65	65	66
16	AWG 14...4	AWG 14...4	25 mm²
8 kV / 3			
A7 / V-0			
DEMKO15ATEX1467U			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZDU 16/3AN	20	**1768320000**
ZDU 16/3AN BL	20	**1768330000**

Type		Qty.	Order No.
ZAP/TW 10/16		20	**1749580000**
ZAP/TW 10/16 BL		20	**1768520000**
ZEW 35		20	**9540000000**
PS 2.3 RT	20 mA	20	**0180400000**
SDS 1.0X5.5X150		1	**2749380000**
ZAD 5/5		20	**1745210000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 15/5 MC NE WS		480	**1609880000**

ZEI 16 — 16 mm²

Supply terminal

14.7 x 82.5 x 50.5
76 / 25
1.5...25

IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
500	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	
8 kV / 3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16	20	**1745350000**
ZEI 16 BL	20	**1766240000**

Integrated end plate.

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 6/4 GE	41 A	60	**1627870000**
ZEW 35		20	**9540000000**
PS 2.3 RT	20 mA	20	**0180400000**
SDS 1.0X5.5X150		1	**2749380000**
ZAD 5/5		20	**1745210000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 15/5 MC NE WS		480	**1609880000**

ZDU 35 — 35 mm²

Two connections

Width/Height/Depth	mm	16 x 100.5 x 58.5
max. current / max. cond. cross-section	A/mm²	**125 / 35**
Max. clamping range	mm²	**2.5...35**

Technical data

Rated data					
Rated voltage	V	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
Rated current	A				
for wire cross-section	mm²				
Rated impulse withstand voltage / Pollution severity		IEC	UL	CSA	EN 60079-7
Gauge to IEC 60947-1 / UL 94 flammability rating		800	600	600	690
Approvals		125	120	120	110
Clamped conductors (H05V/H07V)		35	AWG 12...2	AWG 12...2	35 mm²
Solid / Stranded	mm²		8 kV / 3		
Flexible / Flexible with ferrule	mm²		A8 / V-0		
Stripping length / Blade size	mm/-				DEMKO15ATEX1467U

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

Note

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 35	10	**1739620000**
Blue	ZDU 35 BL	10	**1739630000**

Note

Accessories

Plug-in cross-connection	**Type**	**Qty.**	**Order No.**
2-pole	ZQV 35/2 125 A	10	**1739700000**
4-pole			
End plate / Partition plate			
dark beige			
Blue			
End bracket			
dark beige	ZEW 35	20	**9540000000**
Testing / Checking			
Test plug			
Screwdriver			
Standard	SDS 1.0X5.5X150	1	**2749380000**
Cover			
With lightning flash symbol	ZAD 6/5	20	**1752620000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 15/5 MC NE WS	480	**1609880000**

For detailed information on other accessories and application in the online catalogue

		ZDU 2.5-2	2.5 mm²	ZDU 2.5-2/3AN	2.5 mm²
		Two connections		Three connections	
Width/Height/Depth	mm	5.1 x 50.5 x 43		5.1 x 50.5 x 43	
max. current / max. cond. cross-section	A/mm²	24 / 2.5		24 / 2.5	
Max. clamping range	mm²	0.13...2.5		0.13...2.5	

Technical data

		ZDU 2.5-2				ZDU 2.5-2/3AN			
Rated data									
Rated voltage	V	IEC 60947-7-1				IEC 60947-7-1			
Rated current	A								
for wire cross-section	mm²								
Rated impulse withstand voltage / Pollution severity									
Gauge to IEC 60947-1 / UL 94 flammability rating									
Approvals									
Clamped conductors (H05V/H07V)									
Solid / Stranded	mm²								
Flexible / Flexible with ferrule	mm²								
Stripping length / Blade size	mm/-								

		ZDU 2.5-2				ZDU 2.5-2/3AN			
		Ex eb II C Gb			II 2 G D	Ex eb II C Gb			II 2 G D
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
		800	600	600	550	800	600	600	550
		24	24	24	21	24	20	23	21
		2.5	AWG 26...12	AWG 26...12	4 mm²	2.5	AWG 26...12	AWG 26...14	4 mm²
		8 kV / 3				8 kV / 3			
		A2 / V-0				A2 / V-0			
		DEMKO16ATEX1808U				DEMKO16ATEX1808U			
Rated connection									
		0.5...2.5 / 2.5...0.5				0.5...2.5 / 2.5...0.5			
		0.5...2.5 / 0.5...1.5				0.5...2.5 / 0.5...1.5			
		10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

		ZDU 2.5-2			ZDU 2.5-2/3AN		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	ZDU 2.5-2	100	**1772060000**	ZDU 2.5-2/3AN	100	**1706010000**
	Blue	ZDU 2.5-2 BL	100	**1772070000**	ZDU 2.5-2/3AN BL	100	**1706040000**
Note							

Accessories

		ZDU 2.5-2			ZDU 2.5-2/3AN		
Plug-in cross-connection		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	2-pole	ZQV 2.5/2 24 A	60	**1608860000**	ZQV 2.5/2 24 A	60	**1608860000**
	10-pole	ZQV 2.5/10 24 A	20	**1608940000**	ZQV 2.5/10 24 A	20	**1608940000**
End plate / Partition plate							
	dark beige	ZAP/TW7	50	**1706110000**	ZAP/TW7	50	**1706110000**
	Blue	ZAP/TW7 BL	50	**1706120000**	ZAP/TW7 BL	50	**1706120000**
End bracket							
	dark beige	ZEW 35	20	**9540000000**	ZEW 35	20	**9540000000**
Test adapter							
	With spigot	ZTA 4 11 A	25	**1688110000**	ZTA 4 11 A	25	**1688110000**
Screwdriver							
	Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Reducing sleeves							
	for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	1000	**1678810000**	ZRH 1.5H/1	1000	**1678810000**
	for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	1000	**1678800000**	ZRH 1.5H/2	1000	**1678800000**
Cover							
	With lightning flash symbol	ZAD 1/4-2 GE	20	**1764560000**	ZAD 1/4-2 GE	20	**1764560000**
Marking tags							
		DEK 5/5 MC SDR	200	**1609810000**	DEK 5/5 MC SDR	200	**1609810000**
		DEK 5/5 MM WS	800	**2007110000**	DEK 5/5 MM WS	800	**2007110000**

For detailed information on other accessories and application in the online catalogue

ZDU 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 43
24 / 2.5
0.13...2.5

IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	23	21
2.5	AWG 26...12	AWG 26...14	4 mm²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1808U			

Rated connection
0.5...2.5 / 2.5...0.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

Type		Qty.	Order No.
ZQB 2.5-2	24 A	50	1677120000
ZAP/TW7		50	1706110000
ZAP/TW7 BL		50	1706120000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000
DEK 5/5 MC SDR		200	1609810000
DEK 5/5 MM WS		800	2007110000

ZDU 4-2 — 4 mm²

Two connections

6.1 x 61.5 x 45.5
32 / 6
0.13...6

IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	35	29
4	AWG 26...10	AWG 26...10	6 mm²
8 kV / 3			
A3 / V-0			
DEMKO16ATEX1808U			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

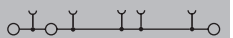
Type	Qty.	Order No.
ZDU 4-2/2AN	50	1770370000
ZDU 4-2/2AN BL	50	1770840000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP ZDU4-2		50	1770400000
ZAP ZDU4-2 BL		50	1770880000
ZEW 35		20	9540000000
ZTA 6/ZA	17.5 A	25	1780660000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZAD 1/4		20	1609110000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 MC NE WS		1000	1609820000

ZDU 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 45.5
38 / 6
0.13...6



IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	35	29
4	AWG 26...10	AWG 26...10	6 mm²
8 kV / 3			
A3 / V-0			
DEMKO16ATEX1808U			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/3AN	50	1770360000
ZDU 4-2/3AN BL	50	1770860000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP ZDU4-2		50	1770400000
ZAP ZDU4-2 BL		50	1770880000
ZEW 35		20	9540000000
ZTA 6/ZA	17.5 A	25	1780660000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZAD 1/4		20	1609110000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

	ZDU 4-2/3AN LSC	4 mm²	ZDU 4-2/4AN	4 mm²
	Three connections		Four connections	
Width/Height/Depth mm	6.1 x 61.5 x 45.5		6.1 x 75.1 x 45.5	
max. current / max. cond. cross-section A/mm²	**38 / 6**		**32 / 6**	
Max. clamping range mm²	**0.13...6**		**0.13...6**	

Technical data

Rated data				
	IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7
Rated voltage V	800			
Rated current A	32			
for wire cross-section mm²	4			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE EAC			
Rated connection				
	0.5...6			
	0.5...4 / 0.5...4			
	10 / 0.6 x 3.5 mm			

Rated data				
	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600	600	440
Rated current A	32	33	35	29
for wire cross-section mm²	4	AWG 26...10	AWG 26...10	6 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE EAC			DEMKO16ATEX1808U
Rated connection				
	0.5...6			
	0.5...4 / 0.5...4			
	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDU 4-2/3AN LSC	50	**1790520000**
Blue	ZDU 4-2/3AN LSC BL	50	**1804880000**

Version	Type	Qty.	Order No.
dark beige	ZDU 4-2/4AN	50	**1806980000**
Blue	ZDU 4-2/4AN BL	50	**1806990000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
4-pole				
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate				
dark beige	ZAP ZDU4-2		50	**1770400000**
Blue	ZAP ZDU4-2 BL		50	**1770880000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**

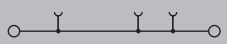
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
4-pole				
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate				
dark beige	ZAP ZDU4-2/4AN		50	**1807010000**
Blue	ZAP ZDU4-2/4AN BL		50	**1807020000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

ZDU 6-2/2AN — 6 mm²

Two connections

8.1 x 68 x 49.5
41 / 10
0.22...10



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm²
8 kV / 3			
A5 / V-0			

DEMKO16ATEX1808U

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

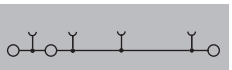
Type	Qty.	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA	9 A	25	1780670000
SDIS SLIM 0.8X4.0X100		1	2749620000
ZAD 2/4		20	1609080000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZDU 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 49.5
41 / 10
0.22...10



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm²
8 kV / 3			
A5 / V-0			

DEMKO16ATEX1808U

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

Type	Qty.	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
ZTA 7/ZA	9 A	25	1780670000
SDIS SLIM 0.8X4.0X100		1	2749620000
ZAD 2/4		20	1609080000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

ZEI 16-2/1AN — 16 mm²

Supply terminal

14 x 61.5 x 50.5
76 / 25
1.5...25

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	
6 kV / 3			
A7 / V-0			

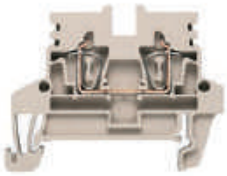
Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZAP/Z...16-2/1AN		10	1772970000
ZEW 35		20	9540000000
SDS 1.0X5.5X150		1	2749380000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MM WS		500	2007130000

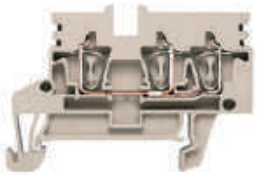
ZDU 2.5N — 2.5 mm²

Two connections



ZDU 2.5N/3AN — 2.5 mm²

Three connections



Width/Height/Depth	mm	5.1 x 50.5 x 38.5	5.1 x 56.5 x 38.5
max. current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.05...4	0.05...4

Technical data

Rated data		ZDU 2.5N	ZDU 2.5N/3AN
		IEC 60947-7-1	IEC 60947-7-1
		Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage	V	800 / 300 / 300 / 550	800 / 300 / 300 / 550
Rated current	A	24 / 20 / 24 / 20.5	24 / 20 / 24 / 21.5
for wire cross-section	mm²	2.5 / AWG 30...12 / AWG 30...12 / 2.5 mm²	2.5 / AWG 30...12 / AWG 30...12 / 2.5 mm²
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Approvals		*UNDEFINED TEXT*	*UNDEFINED TEXT*
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...4 / 1.5...2.5	0.5...4 / 1.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	ZDU 2.5N	Qty.	Order No.	ZDU 2.5N/3AN	Qty.	Order No.
dark beige	ZDU 2.5N	50	1933700000	ZDU 2.5N/3AN	50	1933720000
Blue	ZDU 2.5N BL	50	1933710000	ZDU 2.5N/3AN BL	50	1933730000
Note						

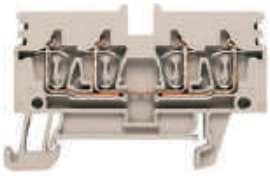
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5/2	24 A	60	1608860000	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate								
dark beige	ZAP/TW ZDU/ZPE 2.5N		20	1933790000	ZAP/TW ZDU/ZPE 2.5N/3AN		50	1933800000
End bracket								
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter								
Standard	ZTA ZT2.5	17.5 A	25	1827080000	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves								
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000	ZRH 1.5H/2		1000	1678800000
Cover								
With lightning flash symbol	ZAD 9/4		20	1934160000	ZAD 9/4		20	1934160000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 M MC NE WS		720	1792000000	WS 10/5 M MC NE WS		720	1792000000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000

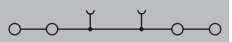
For detailed information on other accessories and application in the online catalogue

ZDU 2.5N/4AN — 2.5 mm²

Four connections



5.1 x 60 x 38.5
24 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm²
	6 kV / 3		
	A2 / V-0		
			UNDEFINED TEXT

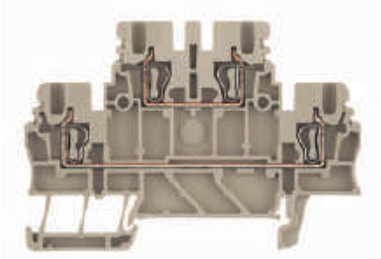
Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5N/4AN	50	**1933740000**
ZDU 2.5N/4AN BL	50	**1933750000**

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDU/ZPE 2.5N/4AN		50	**1933810000**
ZEW 35		20	**9540000000**
ZTA ZT2.5	17.5 A	25	**1827080000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
ZAD 9/4		20	**1934160000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**
WS 8/5 MM WS		800	**2007150000**

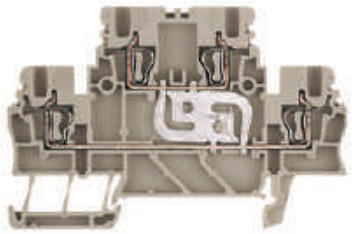
ZDK 1.5 — 1.5 mm²

Double-level terminal

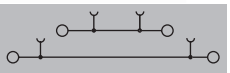


ZDK 1.5V — 1.5 mm²

Vertically cross-connected double-level terminal



Width/Height/Depth	mm	3.5 x 75.5 x 49.5	3.5 x 75.5 x 49.5
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**	**17.5 / 1.5**
Max. clamping range	mm²	**0.05...1.5**	**0.05...1.5**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	500	300	600	
Rated current (A)	17.5	10	10	
for wire cross-section (mm²)	1.5	AWG 28...16	AWG 28...16	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0		
Approvals	CE GL cULus EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...1.5			
Flexible / Flexible with ferrule (mm²)	0.5...1.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.4 x 2.0 mm			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	500	300	600	
Rated current (A)	17.5	10	10	
for wire cross-section (mm²)	1.5	AWG 28...16	AWG 28...16	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		B1 / V-0		
Approvals	CE GL cULus EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...1.5			
Flexible / Flexible with ferrule (mm²)	0.5...1.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.4 x 2.0 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 1.5	100	**1791100000**
Blue	ZDK 1.5 BL	100	**1791110000**

Version	Type	Qty.	Order No.
dark beige	ZDK 1.5V	100	**1791130000**
Blue	ZDK 1.5V BL	50	**1791140000**

Note

Accessories

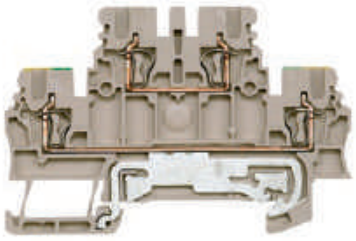
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**
10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK1.5		20	**1791160000**
Blue	ZAP/TW ZDK1.5 BL		20	**1791170000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard				
With spigot				
Screwdriver				
Standard	SDS 0.4X2.0X60		1	**2749260000**
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	**1781950000**
for conductors < 1.0 mm² / AWG 18				
Marking tags				
	DEK 5/3.5 MC NE WS		500	**1755270000**
	DEK 5/3.5 MM WS		1000	**2007100000**
Cover				
With lightning flash symbol	ZAD 7/4		20	**1781940000**

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 1.5/2	17.5 A	60	**1776120000**
10-pole	ZQV 1.5/10	17.5 A	20	**1776200000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK1.5		20	**1791160000**
Blue	ZAP/TW ZDK1.5 BL		20	**1791170000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard				
With spigot				
Screwdriver				
Standard	SDS 0.4X2.0X60		1	**2749260000**
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1		500	**1781950000**
for conductors < 1.0 mm² / AWG 18				
Marking tags				
	DEK 5/3.5 MC NE WS		500	**1755270000**
	DEK 5/3.5 MM WS		1000	**2007100000**
Cover				
With lightning flash symbol	ZAD 7/4		20	**1781940000**

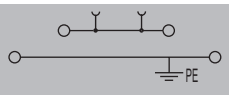
For detailed information on other accessories and application in the online catalogue

ZDK 1.5 DU-PE — 1.5 mm²

Double-level terminal (DU-PE)



3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300		
17.5	10		
1.5	AWG 28...16	AWG 28...16	
	6 kV / 3		
	B1 / V-0		

CE GB cULus EAC

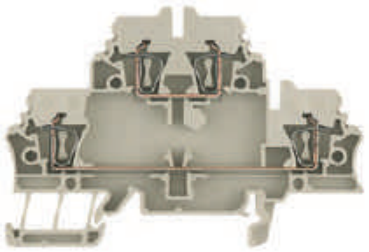
Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZDK 1.5DU-PE	100	**1791120000**

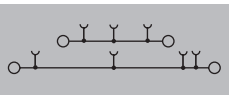
Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	**1776120000**
ZQV 1.5/10	17.5 A	20	**1776200000**
ZAP/TW ZDK1.5		20	**1791160000**
ZAP/TW ZDK1.5 BL		20	**1791170000**
ZEW 35		20	**9540000000**
SDS 0.4X2.0X60		1	**2749260000**
ZRH 1.5S/1		500	**1781950000**
DEK 5/3.5 MC NE WS		500	**1755270000**
DEK 5/3.5 MM WS		1000	**2007100000**
ZAD 7/4		20	**1781940000**

ZDK 2.5 — 2.5 mm²

Double-level terminal



Width/Height/Depth	5.1 x 79.5 x 53 mm
max. current / max. cond. cross-section	20 / 2.5 A/mm²
Max. clamping range	0.05...2.5 mm²



Technical data

Rated data	
Rated voltage	500 V
Rated current	20 A
for wire cross-section	2.5 mm²
Rated impulse withstand voltage / Pollution severity	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0
Approvals	DEMKO16ATEX1729U

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

IEC 60947-7-1			Ex eb II C Gb II 2 G D
IEC	UL	CSA	EN 60079-7
500	300		440
20	15		20
2.5	AWG 26...14		2.5 mm²

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5	50	1674300000
Blue	ZDK 2.5 BL	50	1678630000

Note

ZBS 1 component plug ZBS 1 can be used for LED (1764550000).

Accessories

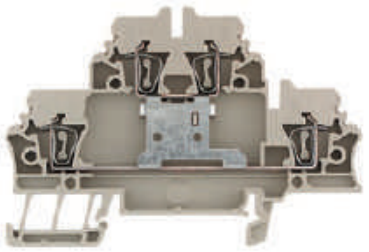
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDK2.5		20	1674730000
Blue	ZAP/TW ZDK2.5 BL		20	1748800000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
Standard	ZTA ZDK 2.5	6 A	5	1052660000
With spigot	ZTA ZDK 2.5/ZA	6 A	5	1052680000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
Cover				
With lightning flash symbol				

For detailed information on other accessories and application in the online catalogue

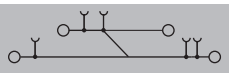
ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDK 2.5 V — 2.5 mm²

Vertically cross-connected double-level terminal



Width/Height/Depth	5.1 x 79.5 x 53 mm
max. current / max. cond. cross-section	20 / 2.5 A/mm²
Max. clamping range	0.05...2.5 mm²



IEC 60947-7-1			Ex eb II C Gb II 2 G D
IEC	UL	CSA	EN 60079-7
500	300		440
20	15		20
2.5	AWG 26...14		2.5 mm²

Rated data	
Rated impulse withstand voltage / Pollution severity	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0
Approvals	DEMKO16ATEX1729U

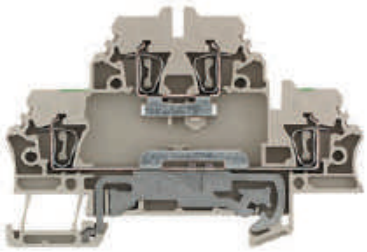
Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 2.5V	50	1689990000
ZDK 2.5V BL	50	1745880000

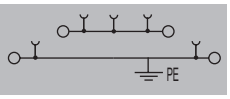
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZAP/TW ZDK2.5 BL		20	1748800000
ZEW 35		20	9540000000
ZTA ZDK 2.5	6 A	5	1052660000
ZTA ZDK 2.5/ZA	6 A	5	1052680000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5 DU-PE — 2.5 mm²

Phase - PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2)		Ex eb II C Gb	Ex	II 2 G D
IEC	**UL**	**CSA**		**EN 60079-7**
500	300			352
20	15			20
2.5	AWG 26...14			2.5 mm²
	6 kV / 3			
	A2 / V-0			
				DEMKO16ATEX1729U

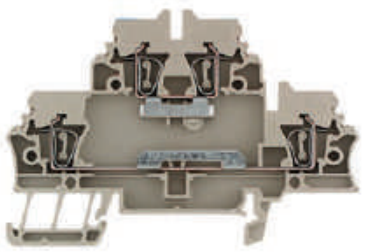
Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 2.5DU-PE	50	**1689970000**

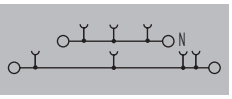
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDK2.5		20	**1674730000**
ZAP/TW ZDK2.5 BL		20	**1748800000**
ZEW 35		20	**9540000000**
ZTA ZDK 2.5	6 A	5	**1052660000**
ZTA ZDK 2.5/ZA	6 A	5	**1052680000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDK 2.5 N-DU — 2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 53
23 / 2.5
0.05...2.5



IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D
IEC	**UL**	**CSA**		**EN 60079-7**
500	300			352
20	15			19
2.5	AWG 26...14			2.5 mm²
	6 kV / 3			
	A2 / V-0			
				DEMKO16ATEX1729U

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

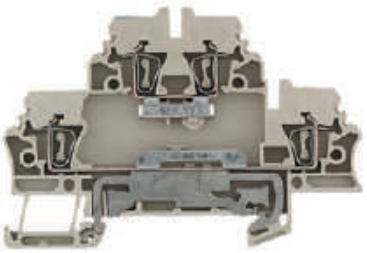
Type	Qty.	Order No.
ZDK 2.5N-DU	50	**1689960000**

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDK2.5		20	**1674730000**
ZAP/TW ZDK2.5 BL		20	**1748800000**
ZEW 35		20	**9540000000**
ZTA ZDK 2.5	6 A	5	**1052660000**
ZTA ZDK 2.5/ZA	6 A	5	**1052680000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

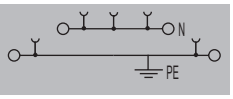
ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDK 2.5 N-PE — 2.5 mm²

Neutral & PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2)		Ex eb II C Gb	Ex	II 2 G D
IEC	**UL**	**CSA**		**EN 60079-7**
500	300			352
20	15			20
2.5	AWG 26...14			2.5 mm²
	6 kV / 3			
	A2 / V-0			
				DEMKO16ATEX1729U

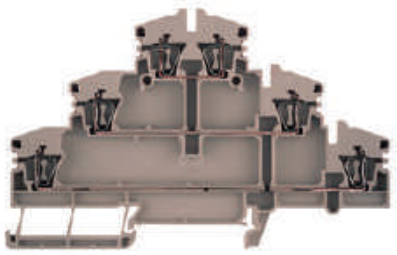
Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 2.5N-PE	50	**1689980000**

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDK2.5		20	**1674730000**
ZAP/TW ZDK2.5 BL		20	**1748800000**
ZEW 35		20	**9540000000**
ZTA ZDK 2.5	6 A	5	**1052660000**
ZTA ZDK 2.5/ZA	6 A	5	**1052680000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

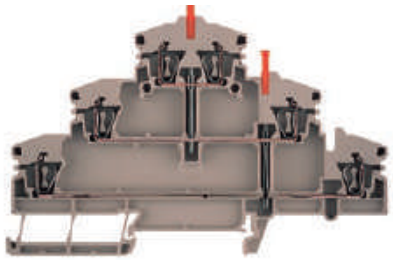
ZDLD 2.5-2 N — 2.5 mm²

Three levels

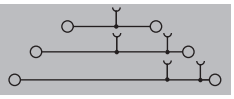


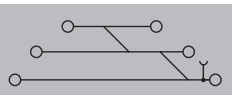
ZDLD 2.5-2 VN — 2.5 mm²

Vertically cross-connected multi-level terminal



		ZDLD 2.5-2 N	ZDLD 2.5-2 VN
Width/Height/Depth	mm	5.1 x 110.5 x 69	5.1 x 110.5 x 69
max. current / max. cond. cross-section	A/mm²	20 / 2.5	20 / 2.5
Max. clamping range	mm²	0.08...2.5	0.08...2.5





Technical data

Rated data		ZDLD 2.5-2 N	ZDLD 2.5-2 VN
Rated voltage	V	500	400
Rated current	A	20	20
for wire cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...2.5	0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	15	15	
2.5	AWG 26...12	AWG 26...12	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
20	15	15	
2.5	AWG 26...12	AWG 26...12	

Ordering data

Version

dark beige
Blue

Note

Type	Qty.	Order No.
ZDLD 2.5-2N	50	1782300000
ZDLD 2.5-2N BL	50	1782310000

Type	Qty.	Order No.
ZDLD 2.5-2VN	25	1782320000
ZDLD 2.5-2VN BL	25	1782330000

Accessories

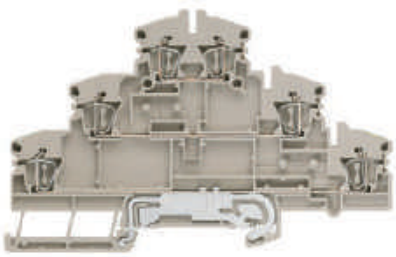
	Type		Qty.	Order No.
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDLD2.5-2N		20	1782340000
Blue	ZAP/TW ZDLD2.5-2N BL		20	1782350000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot	ZTA 4	11 A	25	1688110000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
With "swifty set" cutting device	SWIFTY SET		1	9006060000
Reducing sleeves				
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDLD2.5-2N		20	1782340000
ZAP/TW ZDLD2.5-2N BL		20	1782350000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
SWIFTY SET		1	9006060000
ZRH 1.5H/2		1000	1678800000
ZRH 1.5H/1		1000	1678810000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

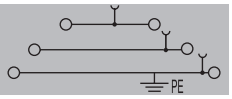
For detailed information on other accessories and application in the online catalogue

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDLD 2.5-2 N PE/L/L — 2.5 mm²



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



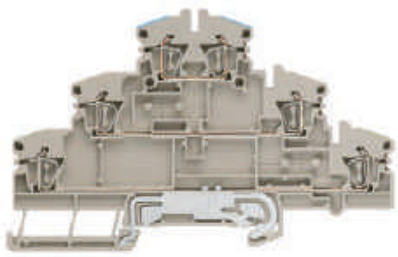
IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

CE GS EAC UL

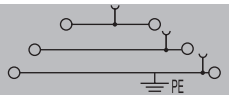
Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ZDLD 2.5-2N/PE/L/L		50	**1131750000**
ZVQ 2.5/1.5	24 A	50	**1720700000**
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDLD2.5-2N		20	**1782340000**
ZAP/TW ZDLD2.5-2N BL		20	**1782350000**
ZEW 35		20	**9540000000**
ZTA 4	11 A	25	**1688110000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
SWIFTY SET		1	**9006060000**
ZRH 1.5H/2		1000	**1678800000**
ZRH 1.5H/1		1000	**1678810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDLD 2.5-2 N PE/L/N — 2.5 mm²



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



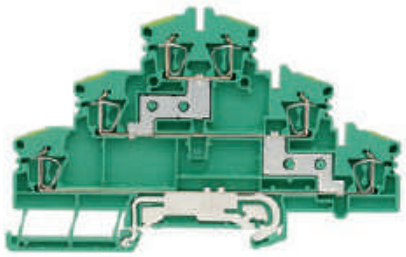
IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

CE GS EAC UL

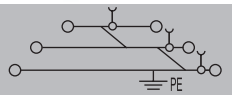
Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ZDLD 2.5-2N/PE/L/N		50	**1131760000**
ZVQ 2.5/1.5	24 A	50	**1720700000**
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDLD2.5-2N		20	**1782340000**
ZAP/TW ZDLD2.5-2N BL		20	**1782350000**
ZEW 35		20	**9540000000**
ZTA 4	11 A	25	**1688110000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
SWIFTY SET		1	**9006060000**
ZRH 1.5H/2		1000	**1678800000**
ZRH 1.5H/1		1000	**1678810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDLD 2.5-2 N PE — 2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



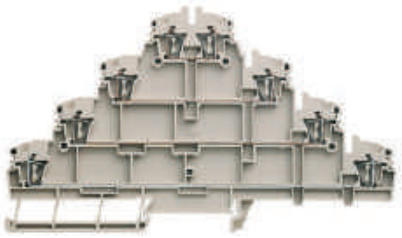
IEC	UL	CSA	EN 60079-7
500			
2.5	AWG 26...12	AWG 26...12	
	/ 3		
	/ V-0		

CE GS EAC UL

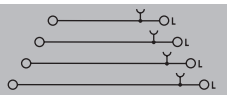
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 /

Type		Qty.	Order No.
ZDLD 2.5-2N PE		50	**1131740000**
ZVQ 2.5/1.5	24 A	50	**1720700000**
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDLD2.5-2N		20	**1782340000**
ZAP/TW ZDLD2.5-2N BL		20	**1782350000**
ZEW 35		20	**9540000000**
ZTA 4	11 A	25	**1688110000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
SWIFTY SET		1	**9006060000**
ZRH 1.5H/2		1000	**1678800000**
ZRH 1.5H/1		1000	**1678810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZVLD 2.5 — 2.5 mm²



Width/Height/Depth	mm	5.1 x 148 x 85
max. current / max. cond. cross-section	A/mm²	**20 / 2.5**
Max. clamping range	mm²	**0.14...2.5**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	250			
Rated current A	20			
for wire cross-section mm²	2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals	EAC			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZVLD 2.5	50	**1208920000**

Note

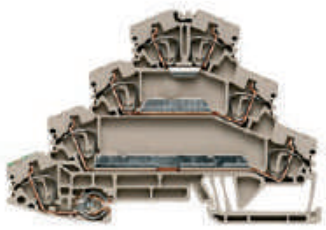
Accessories

	Type		Qty.	Order No.
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	**1720700000**
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP ZVLD 2.5		10	**1210410000**
End bracket				
dark beige	ZEW 35/2		20	**8630740000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZMAK 2.5 — 2.5 mm²

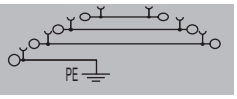
Motor-supply terminal

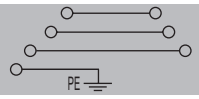


ZMAK 2.5 690 V — 2.5 mm²

Motor-supply terminal

		ZMAK 2.5	ZMAK 2.5 690 V
Width/Height/Depth	mm	5.1 x 102 x 69.5	6.1 x 102 x 69.5
max. current / max. cond. cross-section	A/mm²	**31 / 4**	**31 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**





Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	400	300	300	
Rated current (A)	24	25	25	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	690	300		
Rated current (A)	24	25		
for wire cross-section (mm²)	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZMAK 2.5	25	**1768000000**

Note

Version	Type	Qty.	Order No.
	ZMAK 2.5 690V	25	**1027550000**

The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm.

Accessories

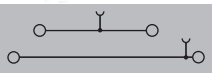
	Type	Qty.	Order No.
End plate / Partition plate			
dark beige	ZAP ZMAK2.5	10	**1768010000**
End bracket			
dark beige	ZEW 35	20	**9540000000**
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Reducing sleeves			
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	1000	**1678810000**
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	1000	**1678800000**
Test adapter			
Standard	ZTA 1 9 A	25	**1609040000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 12/5 MC NE WS	720	**1609860000**
	DEK 5/5 MM WS	800	**2007110000**
	WS 8/5 MM WS	800	**2007150000**

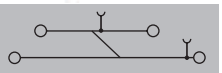
Type	Qty.	Order No.
ZAP ZMAK2.5	10	**1768010000**
ZEW 35	20	**9540000000**
SDIS SLIM 0.6X3.5X100	1	**2749610000**
ZRH 1.5H/1	1000	**1678810000**
ZRH 1.5H/2	1000	**1678800000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/5 MC NE WS	720	**1609860000**

For detailed information on other accessories and application in the online catalogue

	ZDK 2.5-2	2.5 mm²	ZDK 2.5-2V	2.5 mm²
	Double-level terminal		Vertical cross-connected double-level terminal	

Width/Height/Depth	mm	5.1 x 72.5 x 54.5	5.1 x 72.5 x 54.5
max. current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.05...4	0.05...4





Technical data

	ZDK 2.5-2	ZDK 2.5-2V
IEC 60947-7-1	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
IEC	800	800
UL	600	600
CSA	600	300
EN 60079-7	550	550
Rated voltage	24	24
Rated current	20	20
for wire cross-section	25	25
Rated impulse withstand voltage / Pollution severity	21	21
Gauge to IEC 60947-1 / UL 94 flammability rating	2.5 AWG 30...12 AWG 30...12 4 mm²	2.5 AWG 30...12 AWG 30...12 4 mm²
Approvals	8 kV / 3	8 kV / 3
	A2 / V-0	A2 / V-0
	DEMKO16ATEX1808U	DEMKO16ATEX1808U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		
Rated connection		
	0.5...4	0.5...4
	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ZDK 2.5-2	50	1790990000	ZDK 2.5-2V	50	1791030000
Blue	ZDK 2.5-2 BL	50	1791000000	ZDK 2.5-2V BL	50	1791040000
Note						

Accessories

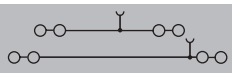
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5/2	24 A	60	1608860000	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate								
dark beige	ZAP/TW ZDK2.5-2		20	1791050000	ZAP/TW ZDK2.5-2		20	1791050000
Blue	ZAP/TW ZDK2.5-2 BL		20	1791060000	ZAP/TW ZDK2.5-2 BL		20	1791060000
End bracket								
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Test adapter								
With spigot	ZTA 4	11 A	25	1688110000	ZTA 4	11 A	25	1688110000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Reducing sleeves								
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000	ZRH 1.5H/2		1000	1678800000
Cover								
With lightning flash symbol	ZAD 1/4-2 GE		20	1764560000	ZAD 1/4-2 GE		20	1764560000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5-2/4 — 2.5 mm²

Double-level terminal

Width/Height/Depth	5.1 x 104 x 62 mm
max. current / max. cond. cross-section	26 / 4 A/mm²
Max. clamping range	0.05...4 mm²



Ex eb II C Gb — II 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	800	600	600	550 V
Rated current	22	20	20	19 A
for wire cross-section	2.5	AWG 30...12	AWG 30...12	4 mm² mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				DEMKO16ATEX1808U

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded	0.5...4 / 1.5...2.5 mm²
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...2.5 mm²
Stripping length / Blade size	10 / 0.6 x 3.5 mm mm/-

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5-2/4AN	50	1394040000

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDK2.5-2/4AN		20	1394050000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover				
With lightning flash symbol	ZAD 1/4-2 GE		20	1764560000
Marking tags				
	SNAPMARK I		50	1805880000
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000

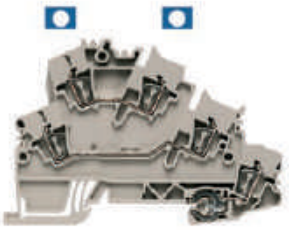
For detailed information on other accessories and application in the online catalogue

ZDKPE 2.5-2 — 2.5 mm²

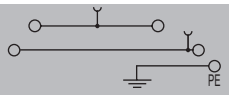
Double-tier terminal with one-sided PE connection

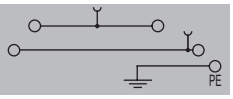
ZDKPE 2.5-2/N/L/PE — 2.5 mm²

Double-tier terminal with one-sided PE connection



		ZDKPE 2.5-2	ZDKPE 2.5-2/N/L/PE
Width/Height/Depth	mm	5.1 x 89.5 x 59.5	5.1 x 89.5 x 59.5
max. current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.05...4	0.05...4





Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600	300	
Rated current (A)	24	20	25	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 30...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE, GL, cULus, EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600		
Rated current (A)	24	20		
for wire cross-section (mm²)	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals	CE, cULus, EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDKPE 2.5-2	50	1805940000

Note

Version	Type	Qty.	Order No.
dark beige	ZDKPE 2.5-2/N/L/PE	50	1895700000

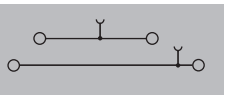
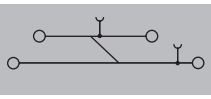
Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000
End plate / Partition plate				
dark beige	ZAP/TW ZDKPE2.5-2		25	1805960000
End bracket				
dark beige	ZEW 35		20	9540000000
Test adapter				
With spigot	ZTA 4	11 A	25	1688110000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
With "swifty set" cutting device	SWIFTY SET		1	9006060000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover				
With lightning flash symbol	ZAD 1/4-2 GE		20	1764560000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000

	Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDKPE2.5-2		25	1805960000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
SWIFTY SET		1	9006060000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 1/4-2 GE		20	1764560000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

	ZDK 4 -2	ZDK 4-2 V
	4 mm²	4 mm²
	Double-level terminal	Vertical cross-connected double-level terminal
Width/Height/Depth mm	6.1 x 77.6 x 60	6.1 x 77.6 x 60
max. current / max. cond. cross-section A/mm²	**32 / 6**	**32 / 6**
Max. clamping range mm²	**0.13...6** 	**0.13...6** 

Technical data

	ZDK 4 -2	ZDK 4-2 V
Rated data	IEC 60947-7-1	IEC 60947-7-1
Rated voltage V	IEC 800 / UL 600 / CSA 600 / EN 60079-7	IEC 800 / UL 600 / CSA 600 / EN 60079-7
Rated current A	32 / 25 / 30	32 / 25 / 30
for wire cross-section mm²	4 / AWG 26...10 / AWG 26...10	4 / AWG 26...10 / AWG 26...10
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	CE GS EAC UL	CE GS EAC UL
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6	0.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	ZDK 4-2	ZDK 4-2 V
Type	ZDK 4-2	ZDK 4-2 V
Qty.	50	50
Order No.	**8670750000**	**8671080000**
dark beige		
Blue	ZDK 4-2 BL	
Qty.	50	
Order No.	**8670850000**	
Note		

Accessories

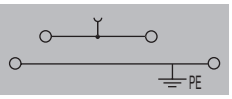
	ZDK 4 -2	ZDK 4-2 V
Plug-in cross-connection		
2-pole	ZQV 4/2 GE 32 A 60 **1608950000**	ZQV 4/2 GE 32 A 60 **1608950000**
10-pole	ZQV 4/10 GE 32 A 20 **1609030000**	ZQV 4/10 GE 32 A 20 **1609030000**
End plate / Partition plate		
dark beige	ZAP/TW ZDK4-2 50 **8670760000**	ZAP/TW ZDK4-2 50 **8670760000**
End bracket		
dark beige	ZEW 35 20 **9540000000**	ZEW 35 20 **9540000000**
Test adapter		
With spigot	ZTA 6/ZA 17.5 A 25 **1780660000**	ZTA 6/ZA 17.5 A 25 **1780660000**
Screwdriver		
Standard	SDIS SLIM 0.6X3.5X100 1 **2749610000**	SDIS SLIM 0.6X3.5X100 1 **2749610000**
Cover		
With lightning flash symbol	ZAD 1/4 20 **1609110000**	ZAD 1/4 20 **1609110000**
Marking tags		
	DEK 5/6 MC NE WS 1000 **1609820000**	DEK 5/6 MC NE WS 1000 **1609820000**
	DEK 5/6 MM WS 600 **2007120000**	DEK 5/6 MM WS 600 **2007120000**
	WS 8/6 MM WS 600 **2007160000**	WS 8/6 MM WS 600 **2007160000**

For detailed information on other accessories and application in the online catalogue

ZDK 4-2 DU/PE — 4 mm²

Phase - PE conductor

Width/Height/Depth	mm	6.1 x 77.6 x 60
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	
Rated current	A	32	25	30	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals		CE GL EAC cULus			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

IEC 60947-7-1 (-7-2)

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2/DU-PE	50	**8671120000**
Blue			

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
10-pole	ZQV 4/10 GE	32 A	20	**1609030000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK4-2		50	**8670760000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

ZDK 4-2/2AN — 4 mm²

Double-level terminal

Width/Height/Depth	mm	8.1 x 78 x 60
max. current / max. cond. cross-section	-/mm²	**/ 6**
Max. clamping range	mm²	**0.13...6**

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800			
Rated current	A	32			
for wire cross-section	mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity				/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 4-2/2AN	50	**1119700000**

Note

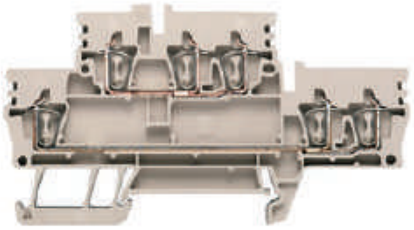
Accessories

	Type		Qty.	Order No.
Cover				
With lightning flash symbol	ZAD 1/4		20	**1609110000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 6/ZA	17.5 A	25	**1780660000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

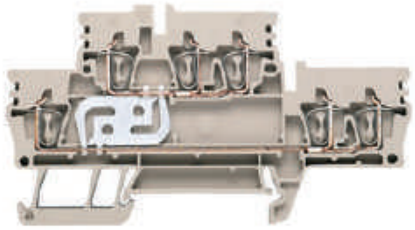
ZDK 2.5/3AN — 2.5 mm²

Double-level terminal



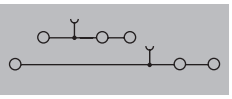
ZDK 2.5/3AN V — 2.5 mm²

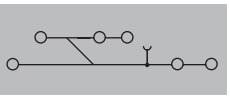
Vertical cross-connected double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

ZDK 2.5/3AN	ZDK 2.5/3AN V
5.1 x 93 x 50.5	5.1 x 93 x 50.5
24 / 4	**24 / 4**
0.05...4	**0.05...4**





Technical data

	ZDK 2.5/3AN	ZDK 2.5/3AN V
IEC 60947-7-1	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
Rated data		
Rated voltage	V	V
Rated current	A	A
for wire cross-section	mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	mm²
Flexible / Flexible with ferrule	mm²	mm²
Stripping length / Blade size	mm/-	mm/-
Note		

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	20
2.5	AWG 30...12	AWG 30...12	2.5 mm²
8 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5/3AN	50	**1924510000**
Blue	ZDK 2.5/3AN BL	50	**1924500000**
Note			

Type	Qty.	Order No.
ZDK 2.5/3AN V	50	**1924490000**
ZDK 2.5/3AN V BL	50	**1924480000**

Accessories

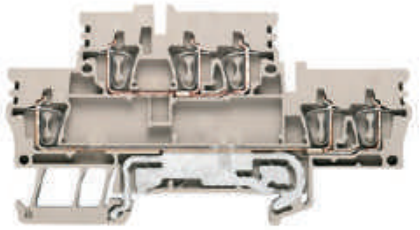
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW ZDK 2.5/3AN		20	**1924910000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	**1827080000**
With spigot	ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	**1678810000**
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	**1678800000**
Cover				
With lightning flash symbol	ZAD 9/4		20	**1934160000**
Marking tags				
	SNAPMARK I		50	**1805880000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	**1608860000**
ZQV 2.5/10	24 A	20	**1608940000**
ZAP/TW ZDK 2.5/3AN		20	**1924910000**
ZEW 35		20	**9540000000**
ZTA ZT2.5	17.5 A	25	**1827080000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
ZAD 9/4		20	**1934160000**
SNAPMARK I		50	**1805880000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**

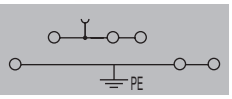
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/3AN DU-PE — 2.5 mm²

Double-level terminal (DU-PE)



Width/Height/Depth	5.1 x 93 x 50.5 mm
max. current / max. cond. cross-section	31 / 4 A/mm²
Max. clamping range	0.05...4 mm²



IEC 60947-7-1 (-7-2)

Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm²
	8 kV / 3		
	A2 / V-0		
			DEMKO16ATEX1729U

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

Rated connection
0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	Green/yellow

Note

Type	Qty.	Order No.
ZDK 2.5/3AN DU-PE	50	1924460000

Accessories

Plug-in cross-connection			
	2-pole	60	1608860000
	10-pole	20	1608940000
End plate / Partition plate			
	dark beige	20	1924910000
End bracket			
	dark beige	20	9540000000
Test adapter			
	Standard	25	1827080000
	With spigot	25	1847600000
Screwdriver			
	Standard	1	2749610000
Reducing sleeves			
	for conductors < 0.5 mm² / AWG 20	1000	1678810000
	for conductors < 1.0 mm² / AWG 18	1000	1678800000
Cover			
	With lightning flash symbol	20	1934160000
Marking tags			
		50	1805880000
		1000	1609801044
		720	1635000000
		800	2007110000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK 2.5/3AN		20	1924910000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 9/4		20	1934160000
SNAPMARK I		50	1805880000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

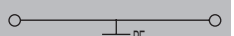
ZPEA 2.5-2 — 2.5 mm²

Two connections

ZPEA 2.5-2N — 2.5 mm²

Two connections

Width/Height/Depth	mm	5.1 x 35 x 30	5.1 x 42.5 x 35
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.13...4	0.13...4



Technical data

Rated data		ZPEA 2.5-2	ZPEA 2.5-2N
		IEC 60947-7-2 — Ex eb II C Gb — Ex II 2 G D	IEC 60947-7-2
for wire cross-section	mm²	IEC: 2.5 — UL: AWG 26...12 — CSA: AWG 26...12 — EN 60079-7: 4 mm²	IEC: 2.5 — UL: AWG 26...12 — CSA: AWG 26...12 — EN 60079-7:
Rated voltage to adjoining terminal	V	500	800
Rated impulse withstand voltage to adjacent terminal	kV	6	8
Rated short-time current		300 A (2.5 mm²)	300 A (2.5 mm²)
Pollution severity		3	3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Approvals			
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		TS 15 - sliced construction	TS 15 - sliced construction

Ordering data

Version	ZPEA 2.5-2	ZPEA 2.5-2N
	Green/yellow	
Type	ZPEA 2.5-2	ZPEA 2.5-2N
Qty.	100	50
Order No.	**1720950000**	**1808210000**
Note		

Accessories

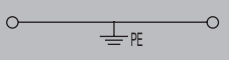
	ZPEA 2.5-2			ZPEA 2.5-2N		
End plate / Partition plate	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	ZAP/TW ZDUA	50	**1720960000**	ZAP/TW ZDUA2.5-2N	50	**1808170000**
End bracket						
dark beige						
beige	ZEW 15	20	**7920340000**	ZEW 15	20	**7920340000**
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Reducing sleeves						
for conductors < 0.5 mm² / AWG 20						
Marking tags						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 10/5 MC NE WS	720	**1635000000**	WS 10/5 MC NE WS	720	**1635000000**
	DEK 5/5 MM WS	800	**2007110000**	DEK 5/5 MM WS	800	**2007110000**

For detailed information on other accessories and application in the online catalogue

ZPEB 2.5-2 — 2.5 mm²

Two connections

5.1 x 33.5 x 31
/ 4
0.13...4



IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
2.5	AWG 26...12	AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

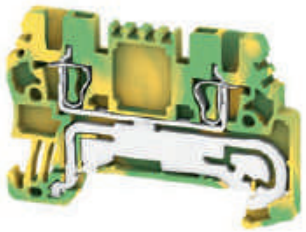
TS 15 - block construction

Type	Qty.	Order No.
ZPEB 2.5-2	100	**1712810000**

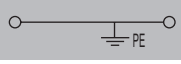
Type	Qty.	Order No.
ZAP ZDUB	50	**1704750000**
ZEW 15	20	**7920340000**
SDIS SLIM 0.6X3.5X100	1	**2749610000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 10/5 MC NE WS	720	**1635000000**
DEK 5/5 MM WS	800	**2007110000**

ZPE 1.5 — 1.5 mm²

Two connections



3.5 x 54.5 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
6			
180 A (1.5 mm²)			
3			
B1 / V-0			

Rated connection

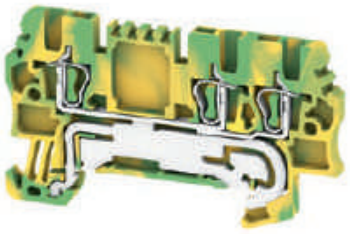
0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5	50	**1775510000**

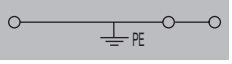
Type	Qty.	Order No.
ZAP/TW ZDU1.5/2AN	20	**1776030000**
ZEW 35	20	**9540000000**
SDS 0.4X2.0X60	1	**2749260000**
ZRH 1.5S/1	500	**1781950000**
DEK 5/3.5 MC NE WS	500	**1755270000**
WS 12/3.5 MC NE WS	600	**1778270000**
DEK 5/3.5 MM WS	1000	**2007100000**

ZPE 1.5/3AN — 1.5 mm²

Three connections



3.5 x 63 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
1.5	AWG 26...14	AWG 26...14	1.5 mm²
500			
6			
180 A (1.5 mm²)			
3			
B1 / V-0			

Rated connection

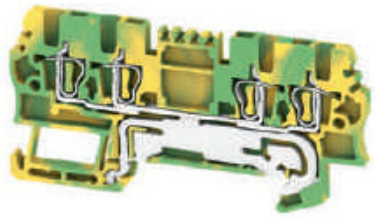
0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5/3AN	50	**1775560000**

Type	Qty.	Order No.
ZAP/TW ZDU1.5/3AN	20	**1776060000**
ZEW 35	20	**9540000000**
SDS 0.4X2.0X60	1	**2749260000**
ZRH 1.5S/1	500	**1781950000**
DEK 5/3.5 MC NE WS	500	**1755270000**
WS 12/3.5 MC NE WS	600	**1778270000**
DEK 5/3.5 MM WS	1000	**2007100000**

ZPE 1.5/4AN — 1.5 mm²

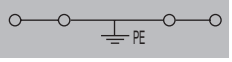
Four connections

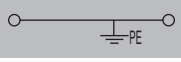


ZPE 2.5 — 2.5 mm²

Two connections

Width/Height/Depth	mm	3.5 x 75.5 x 36.5	5.1 x 63 x 38.5
max. current / max. cond. cross-section	-/mm²	/ 1.5	/ 4
Max. clamping range	mm²	0.05...1.5	0.05...4





Technical data

	ZPE 1.5/4AN	ZPE 2.5
IEC 60947-7-2	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
Rated data		
for wire cross-section	mm²	mm²
Rated voltage to adjoining terminal	V	V
Rated impulse withstand voltage to adjacent terminal	kV	kV
Rated short-time current		
Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
IEC	1.5	2.5
UL	AWG 26...14	AWG 30...12
CSA	AWG 26...12	AWG 26...12
EN 60079-7	1.5 mm²	4 mm²
	500	800
	6	8
	180 A (1.5 mm²)	300 A (2.5 mm²)
	3	3
	B1 / V-0	A3 / V-0
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	mm²
Flexible / Flexible with ferrule	mm²	mm²
Twin wire-end ferrule	mm²	mm²
Stripping length / Blade size	mm/-	mm/-
Rated connection		
	0.5...1.5	0.5...4
	0.5...1.5 / 0.5...1.5	0.5...4 / 0.5...2.5
	0.5...0.75	
	10 / 0.4 x 2.0 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZPE 1.5/4AN	50	1775620000
	ZPE 2.5	50	1608640000
Note			

Accessories

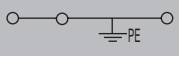
	Type	Qty.	Order No.
End plate / Partition plate			
dark beige	ZAP/TW ZDU1.5/4AN	20	1776090000
	ZAP/TW 1	50	1608740000
End bracket			
dark beige	ZEW 35	20	9540000000
	ZEW 35	20	9540000000
Test adapter			
Standard			
With spigot	ZTA 1	9 A 25	1609040000
	ZTA 1/ZA	9 A 25	1609050000
Screwdriver			
Standard	SDS 0.4X2.0X60	1	2749260000
	SDIS SLIM 0.6X3.5X100	1	2749610000
Reducing sleeves			
for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1	500	1781950000
for conductors < 1.0 mm² / AWG 18	ZRH 2.5/1 WS	1000	1614300000
	ZRH 2.5/2 GR/VO	1000	1614290000
Marking tags			
	DEK 5/3.5 MC NE WS	500	1755270000
	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/3.5 MC NE WS	600	1778270000
	WS 10/5 MC NE WS	720	1635000000
	DEK 5/3.5 MM WS	1000	2007100000
	DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

ZPE 2.5/3AN — 2.5 mm²

Three connections

5.1 x 64.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
2.5	AWG 30...12	AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

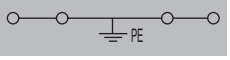
Type	Qty.	Order No.
ZPE 2.5/3AN	50	**1608650000**

Type		Qty.	Order No.
ZAP/TW 2 DB		50	**1608770000**
ZEW 35		20	**9540000000**
ZTA 1	9 A	25	**1609040000**
ZTA 1/ZA	9 A	25	**1609050000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 2.5/1 WS		1000	**1614300000**
ZRH 2.5/2 GR/V0		1000	**1614290000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**

ZPE 2.5/4AN — 2.5 mm²

Four connections

5.1 x 79.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
2.5	AWG 30...12	AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/4AN	50	**1608660000**

Type		Qty.	Order No.
ZAP/TW 3		50	**1608800000**
ZEW 35		20	**9540000000**
ZTA 1	9 A	25	**1609040000**
ZTA 1/ZA	9 A	25	**1609050000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 2.5/1 WS		1000	**1614300000**
ZRH 2.5/2 GR/V0		1000	**1614290000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**

ZPE 4 — 4 mm²

Two connections

6.1 x 62.5 x 43
/ 6
0.13...6

IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
4		AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4	50	**1632080000**

Type		Qty.	Order No.
ZAP/TW 4		50	**1632090000**
ZEW 35		20	**9540000000**
ZTA 2 ZDU4	9 A	25	**1609060000**
ZTA 2/ZA ZDU4	9 A	25	**1609070000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 4/1 WS		1000	**1636640000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**

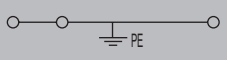
ZPE 4/3 AN — 4 mm²

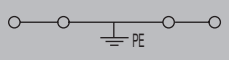
Three connections

ZPE 4/4 AN — 4 mm²

Four connections

Width/Height/Depth	mm	6.1 x 85.5 x 43	6.1 x 104.5 x 43
max. current / max. cond. cross-section	-/mm²	/ 6	/ 6
Max. clamping range	mm²	0.13...6	0.13...6





Technical data

Rated data			
for wire cross-section	mm²		
Rated voltage to adjoining terminal	V		
Rated impulse withstand voltage to adjacent terminal	kV		
Rated short-time current			
Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-		
Note			

	ZPE 4/3 AN	ZPE 4/4 AN
	IEC 60947-7-2	IEC 60947-7-2
	Ex eb II C Gb	Ex eb II C Gb
	II 2 G D	II 2 G D
IEC	4	4
UL	800	800
	8	8
CSA	AWG 26...10	AWG 26...10
EN 60079-7	6 mm²	6 mm²
	480 A (4 mm²)	480 A (4 mm²)
	3	3
	A4 / V-0	A4 / V-0
Rated connection		
	0.5...6 / 0.5...6	0.5...6 / 0.5...6
	0.5...6 / 0.5...4	0.5...6 / 0.5...4
	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

Ordering data

Version			
	Green/yellow		
Note			

Type	Qty.	Order No.
ZPE 4/3AN	50	7904170000

Type	Qty.	Order No.
ZPE 4/4AN	50	7904280000

Accessories

End plate / Partition plate			
	dark beige		
End bracket			
	dark beige		
Test adapter			
	Standard		
	With spigot		
Screwdriver			
	Standard		
Reducing sleeves			
	for conductors < 0.5 mm² / AWG 20		
	for conductors < 1.0 mm² / AWG 18		
Marking tags			

Type		Qty.	Order No.
ZAP/TW 4/3AN		20	7904100000
ZEW 35		20	9540000000
ZTA 2 ZDU4	9 A	25	1609060000
ZTA 2/ZA ZDU4	9 A	25	1609070000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

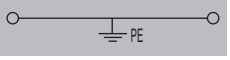
Type		Qty.	Order No.
ZAP/TW4/4AN		20	7904210000
ZEW 35		20	9540000000
ZTA 2 ZDU4	9 A	25	1609060000
ZTA 2/ZA ZDU4	9 A	25	1609070000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

ZPE 6 — 6 mm²

Two connections

8.1 x 65 x 45
/ 10
0.22...10



IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
6	AWG 22...8	AWG 20...8	10 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
13 / 0.6 x 3.5 mm

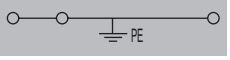
Type	Qty.	Order No.
ZPE 6	50	**1608670000**

Type			Qty.	Order No.
ZAP/TW 5			50	**1608830000**
ZEW 35			20	**9540000000**
ZTA 3	ZDU6	9 A	25	**1654050000**
SDS 1.0X5.5X150			1	**2749380000**
DEK 5/8 MC NE WS			800	**1856740000**
WS 12/6 MC NE WS			600	**1609900000**
DEK 5/8 MM WS			500	**2007130000**
WS 8/8 MM WS			500	**2007170000**

ZPE 6/3 AN — 6 mm²

Three connections

8.1 x 90 x 45
/ 10
0.22...10



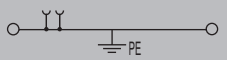
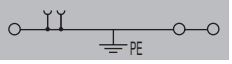
IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
6	AWG 22...8	AWG 20...8	10 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6/3AN	50	**7907400000**

Type			Qty.	Order No.
ZAP/TW6/3AN			20	**7907370000**
ZEW 35			20	**9540000000**
ZTA 3	ZDU6	9 A	25	**1654050000**
SDS 1.0X5.5X150			1	**2749380000**
DEK 5/8 MC NE WS			800	**1856740000**
WS 12/6 MC NE WS			600	**1609900000**
DEK 5/8 MM WS			500	**2007130000**
WS 8/8 MM WS			500	**2007170000**

	ZPE 10	ZPE 10/3 AN
	10 mm²	10 mm²
	Two connections	Three connections
Width/Height/Depth mm	10.1 x 73.5 x 49.5	10.1 x 99 x 49.5
max. current / max. cond. cross-section -/mm²	/ 16	/ 16
Max. clamping range mm²	1.31...16	1.31...16
		

Technical data

	ZPE 10				ZPE 10/3 AN			
Rated data								
for wire cross-section mm²	IEC 60947-7-2	UL	CSA	EN 60079-7	IEC 60947-7-2	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	10	AWG 16...6	AWG 16...6	16 mm²	10	AWG 16...6	AWG 16...6	16 mm²
Rated impulse withstand voltage to adjacent terminal kV	800				800			
Rated short-time current	8				8			
Pollution severity	1200 A (10 mm²)				1200 A (10 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating	3				3			
Approvals	A6 / V-0				A6 / V-0			
	Ex eb II C Gb II 2 G D				Ex eb II C Gb II 2 G D			
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	**Rated connection**				**Rated connection**			
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Twin wire-end ferrule -	1.5...10 / 1.5...10				1.5...10 / 1.5...10			
Stripping length / Blade size mm/-								
	18 / 1.0 x 5.5 mm				18 / 1.0 x 5.5 mm			
Note								

Ordering data

	ZPE 10			ZPE 10/3AN		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
Green/yellow	ZPE 10	25	**1746770000**	ZPE 10/3AN	20	**1767670000**
Note						

Accessories

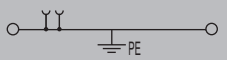
	ZPE 10			ZPE 10/3 AN		
End plate / Partition plate	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	ZAP/TW ZDU10	20	**1748660000**	ZAP/TW 10/16	20	**1749580000**
End bracket						
dark beige	ZEW 35	20	**9540000000**	ZEW 35	20	**9540000000**
Screwdriver						
Standard	SDS 1.0X5.5X150	1	**2749380000**	SDS 1.0X5.5X150	1	**2749380000**
Marking tags						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 12/6 MC NE WS	600	**1609900000**	WS 12/6 MC NE WS	600	**1609900000**

For detailed information on other accessories and application in the online catalogue

ZPE 16 — 16 mm²

Two connections

12.1 x 82.5 x 50.5
/ 25
1.5...25



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...4	25 mm²
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16	25	1745250000

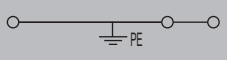
Type	Qty.	Order No.
ZAP/TW ZDU16	20	1745150000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

The plug-in cross-connections ZQV 16/2 (1739690000) can be used.

ZPE 16/3AN — 16 mm²

Three connections

12.1 x 99 x 50.5
/ 25
1.5...25



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	25 mm²
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

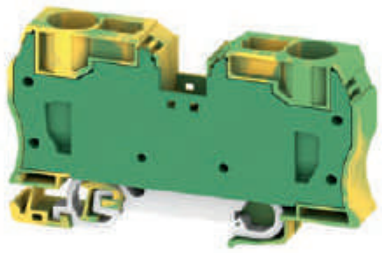
To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16/3AN	20	1768310000

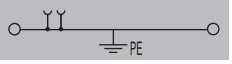
Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZPE 35 — 35 mm²

Two connections



16 x 100.5 x 58.5
/ 35
2.5...35



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
A8 / V-0			

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	1739650000
Integrated end plate.		

Type	Qty.	Order No.
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

The plug-in cross-connections ZQV 35/2 (1739700000) can be used.

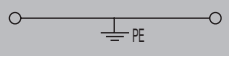
ZPE 2.5-2 — 2.5 mm²

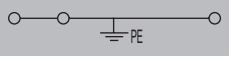
Two connections

ZPE 2.5-2/3AN — 2.5 mm²

Three connections

		ZPE 2.5-2	ZPE 2.5-2/3AN
Width/Height/Depth	mm	5.1 x 50.5 x 43.5	5.1 x 50.5 x 43.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

		ZPE 2.5-2	ZPE 2.5-2/3AN
Rated data			
for wire cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
Rated impulse withstand voltage to adjacent terminal	kV		
Rated short-time current			
Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection	ZPE 2.5-2	ZPE 2.5-2/3AN
	0.5...4	0.5...2.5
	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	ZPE 2.5-2	ZPE 2.5-2/3AN
	Green/yellow	Green/yellow
Note		

Type	Qty.	Order No.
ZPE 2.5-2	50	1772090000
ZPE 2.5-2/3AN	50	1706090000

Accessories

		ZPE 2.5-2	ZPE 2.5-2/3AN
End plate / Partition plate		dark beige	dark beige
End bracket		dark beige	dark beige
Test adapter		With spigot	With spigot
Screwdriver		Standard	Standard
Reducing sleeves		for conductors < 0.5 mm² / AWG 20 for conductors < 1.0 mm² / AWG 18	for conductors < 0.5 mm² / AWG 20 for conductors < 1.0 mm² / AWG 18
Marking tags			

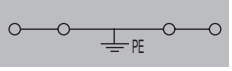
Type		Qty.	Order No.
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

ZPE 2.5-2/4AN — 2.5 mm²

Four connections

5.1 x 50.5 x 43.5
/ 4
0.13...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

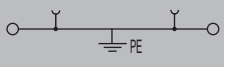
Type	Qty.	Order No.
ZPE 2.5-2/4AN	50	1706100000

Type		Qty.	Order No.
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

ZPE 4-2/2AN — 4 mm²

Two connections

6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

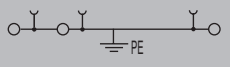
Type	Qty.	Order No.
ZPE 4-2/2AN	50	1770380000

Type		Qty.	Order No.
ZAP ZDU4-2		50	1770400000
ZEW 35		20	9540000000
ZTA 6/ZA	17.5 A	25	1780660000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

ZPE 4-2/3AN — 4 mm²

Three connections

6.1 x 61.5 x 45.5
/ 6
0.13...6



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/3AN	50	1770390000

Type		Qty.	Order No.
ZAP ZDU4-2		50	1770400000
ZEW 35		20	9540000000
ZTA 6/ZA	17.5 A	25	1780660000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 4/1 WS		1000	1636640000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

		ZPE 4-2/4 AN	4 mm²	ZPE 6-2/2AN	6 mm²
		Four connections		Two connections	
Width/Height/Depth	mm	6.1 x 75 x 45.5		8.1 x 68 x 49.19	
max. current / max. cond. cross-section	-/mm²	/ 6		/ 10	
Max. clamping range	mm²	0.13...6		0.22...10	

Technical data

		ZPE 4-2/4 AN	ZPE 6-2/2AN
Rated data			
for wire cross-section	mm²	IEC 60947-7-2 / Ex eb II C Gb / II 2 G D	IEC 60947-7-2 / Ex eb II C Gb / II 2 G D
Rated voltage to adjoining terminal	V	IEC: 4 / UL: AWG 26...10 / CSA: AWG 26...10 / EN 60079-7: 6 mm²	IEC: 6 / UL: AWG 22...8 / CSA: AWG 20...8 / EN 60079-7: 10 mm²
Rated impulse withstand voltage to adjacent terminal	kV	800	800
Rated short-time current		8	8
Pollution severity		480 A (4 mm²)	720 A (6 mm²)
Gauge to IEC 60947-1 / UL 94 flammability rating		3	3
Approvals		A3 / V-0	A5 / V-0
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule	mm²	0.5...6	0.5...10
Twin wire-end ferrule	-	0.5...4 / 0.5...4	0.5...10 / 0.5...6
Stripping length / Blade size	mm/-		
		10 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note			

Ordering data

		ZPE 4-2/4AN	ZPE 6-2/2AN
Version			
	Green/yellow		
Note			
Type		ZPE 4-2/4AN	ZPE 6-2/2AN
Qty.		50	50
Order No.		**1807090000**	**1771370000**

Accessories

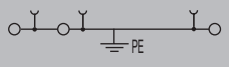
		ZAP ZDU4-2/4AN	ZAP ZDU6-2
End plate / Partition plate			
	dark beige	**1807010000**	**1771440000**
End bracket			
	dark beige	ZEW 35	ZEW 35
Test adapter		20	20
	With spigot	**9540000000**	**9540000000**
Screwdriver			
	Standard	ZTA 6/ZA 17.5 A	ZTA 7/ZA 9 A
Reducing sleeves		25	25
	for conductors < 0.5 mm² / AWG 20	**1780660000**	**1780670000**
	for conductors < 1.0 mm² / AWG 18		
Marking tags		SDIS SLIM 0.6X3.5X100	SDIS SLIM 0.6X3.5X100
		1	1
		2749610000	**2749610000**
		ZRH 4/1 WS	
		1000	
		1636640000	
		DEK 5/6 MC NE WS	DEK 5/8 MC NE WS
		1000	800
		1609820000	**1856740000**
		WS 12/6 MC NE WS	
		600	
		1609900000	
		DEK 5/6 MM WS	DEK 5/8 MM WS
		600	500
		2007120000	**2007130000**
			WS 8/8 MM WS
			500
			2007170000

For detailed information on other accessories and application in the online catalogue

ZPE 6-2/3AN — 6 mm²

Three connections

8.1 x 68 x 49.19
/ 10
0.22...10



IEC 60947-7-2

Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm²
800			
8			
720 A (6 mm²)			
3			
A5 / V-0			

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

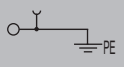
Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA 9 A	25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

ZPE 16-2/1AN — 16 mm²

Supply terminal - PE

12 x 65 x 50.5
/ 25
1.5...25



In accordance with IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 26...14	
800			
8			
1920 A (16 mm²)			
3			
A7 / V-0			

Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

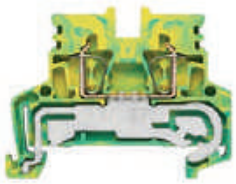
Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	Qty.	Order No.
ZAP/Z...16-2/1AN	10	1772970000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000

The plug-in cross-connections ZQV 2.5/.. , ZQV 4/... and ZQV 6/... can be used.

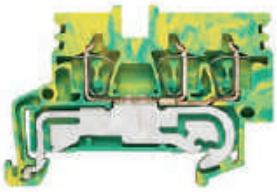
ZPE 2.5N — 2.5 mm²

Two connections

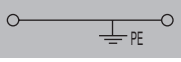


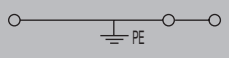
ZPE 2.5N/3AN — 2.5 mm²

Three connections



		ZPE 2.5N	ZPE 2.5N/3AN
Width/Height/Depth	mm	5.1 x 50.5 x 38.5	5.1 x 56.5 x 38.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.05...4	0.05...4





Technical data

		ZPE 2.5N	ZPE 2.5N/3AN
Rated data			
for wire cross-section	mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal	V	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
Rated impulse withstand voltage to adjacent terminal	kV		
Rated short-time current			
Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm²
800			
6			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection	ZPE 2.5N	ZPE 2.5N/3AN
	0.5...4 / 1.5...2.5	0.5...4 / 1.5...2.5
	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	ZPE 2.5N	ZPE 2.5N/3AN
	Green/yellow	Green/yellow
Note		

Type	Qty.	Order No.
ZPE 2.5N	50	1933760000

Type	Qty.	Order No.
ZPE 2.5N/3AN	50	1933770000

Accessories

		ZPE 2.5N	ZPE 2.5N/3AN
End plate / Partition plate			
		dark beige	dark beige
End bracket			
		dark beige	dark beige
Test adapter			
		Standard	Standard
		With spigot	With spigot
Screwdriver			
		Standard	Standard
Reducing sleeves			
		for conductors < 0.5 mm² / AWG 20	for conductors < 0.5 mm² / AWG 20
		for conductors < 1.0 mm² / AWG 18	for conductors < 1.0 mm² / AWG 18
Marking tags			

Type		Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N		20	1933790000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000
WS 8/5 MM WS		800	2007150000

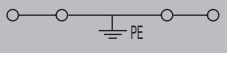
Type		Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/3AN		50	1933800000
ZEW 35		20	9540000000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
SDIS SLIM 0.6X3.5X100		1	2749610000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZPE 2.5N/4AN — 2.5 mm²

Four connections

5.1 x 60 x 38.5
/ 4
0.05...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm²
800			
6			
300 A (2.5 mm²)			
3			
A2 / V-0			

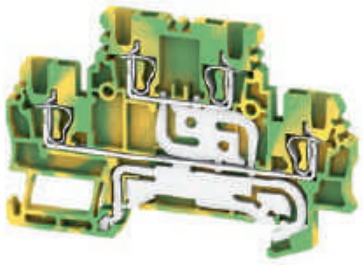
Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5N/4AN	50	**1933780000**

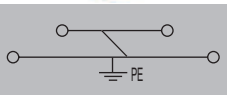
Type		Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN		50	**1933810000**
ZEW 35		20	**9540000000**
ZTA ZT2.5	17.5 A	25	**1827080000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 M MC NE WS		720	**1792000000**
WS 8/5 MM WS		800	**2007150000**

ZDK 1.5 PE — 1.5 mm²

Double-level terminal

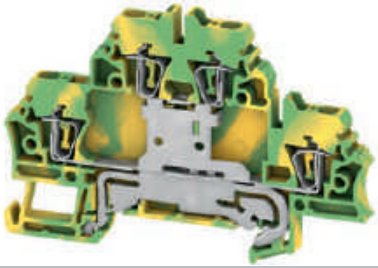


Width/Height/Depth	3.5 x 75.5 x 49.5
max. current / max. cond. cross-section	/ 1.5
Max. clamping range	0.05...1.5

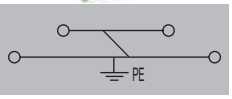


ZDK 2.5 PE — 2.5 mm²

Vertically cross-connected



Width/Height/Depth	5.1 x 79.5 x 53
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.05...2.5



Technical data

Rated data						
		IEC 60947-7-2				
for wire cross-section	mm²	IEC	UL	CSA	EN 60079-7	
Rated voltage to adjoining terminal	V	1.5	AWG 28...16	AWG 28...16		
Rated impulse withstand voltage to adjacent terminal	kV	500				
Rated short-time current		6				
Pollution severity			180 A (1.5 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating			3			
Approvals			B1 / V-0			
Clamped conductors (H05V/H07V)						
Solid / Stranded	mm²	**Rated connection**				
Flexible / Flexible with ferrule	mm²	0.5...1.5				
Twin wire-end ferrule	mm²	0.5...1.5 / 0.5...1.5				
Stripping length / Blade size	mm/-	0.5...0.75				
		10 / 0.4 x 2.0 mm				
Note						

Rated data						
		IEC 60947-7-2			Ex eb II C Gb	II 2 G D
for wire cross-section	mm²	IEC	UL	CSA		EN 60079-7
Rated voltage to adjoining terminal	V	2.5	AWG 26...14			2.5 mm²
Rated impulse withstand voltage to adjacent terminal	kV	500				
Rated short-time current		6				
Pollution severity			300 A (2.5 mm²)			
Gauge to IEC 60947-1 / UL 94 flammability rating			3			
Approvals			A2 / V-0			
Clamped conductors (H05V/H07V)						
Solid / Stranded	mm²	**Rated connection**				
Flexible / Flexible with ferrule	mm²	0.5...2.5				
Twin wire-end ferrule	mm²	0.5...2.5 / 0.5...1.5				
Stripping length / Blade size	mm/-					
		10 / 0.6 x 3.5 mm				
Note						

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZDK 1.5PE	50	1791150000
Note			

Type	Qty.	Order No.
ZDK 2.5PE	50	1690000000

Accessories

End plate / Partition plate	Type	Qty.	Order No.
dark beige	ZAP/TW ZDK1.5	20	1791160000
End bracket			
dark beige	ZEW 35	20	9540000000
Test adapter			
With spigot			
Standard			
Reducing sleeves			
for conductors < 0.5 mm² / AWG 20	ZRH 1.5S/1	500	1781950000
for conductors < 1.0 mm² / AWG 18			
Cover			
With lightning flash symbol			
Screwdriver			
Standard	SDS 0.4X2.0X60	1	2749260000
Marking tags			
	DEK 5/3.5 MC NE WS	500	1755270000
	DEK 5/3.5 MM WS	1000	2007100000

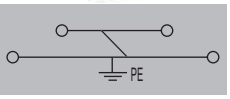
Type		Qty.	Order No.
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
ZTA 4	11 A	25	1688110000
ZRH 1.5H/1		1000	1678810000
ZRH 1.5H/2		1000	1678800000
ZAD 9/4		20	1934160000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 PLUS MC NE GE		1000	1907520000
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDK 2.5-2PE — 2.5 mm²

Four connections

5.1 x 72.5 x 54.5
/ 4
0.05...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...12	4 mm²
800			
8			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

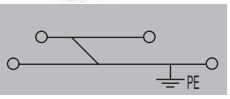
Type	Qty.	Order No.
ZDK 2.5-2PE	50	**1791010000**

Type		Qty.	Order No.
ZAP/TW ZDK2.5-2		20	**1791050000**
ZEW 35		20	**9540000000**
ZTA 4	11 A	25	**1688110000**
ZRH 1.5H/1		1000	**1678810000**
ZRH 1.5H/2		1000	**1678800000**
SDS 0.5X3.0X80		1	**2749330000**
DEK 5/5 MC NE WS		1000	**1609801044**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDK 4-2 PE — 4 mm²

Four connections

6.1 x 77.6 x
/ 6
0.13...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	
800			
8			
480 A (4 mm²)			
3			
A3 /			

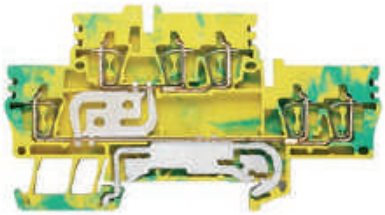
Rated connection
0.5...6
0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2 PE	50	**8671050000**

Type		Qty.	Order No.
ZAP/TW ZDK4-2		50	**8670760000**
ZEW 35		20	**9540000000**
ZTA 6/ZA	17.5 A	25	**1780660000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
DEK 5/6 MC NE WS		1000	**1609820000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**

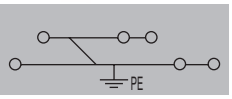
ZDK 2.5/3AN PE — 2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm²
Max. clamping range	mm²

5.1 x 93 x 50.5	
/ 4	
0.05...4	



IEC 60947-7-2

Ex eb II
C Gb

II 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section	2.5	AWG 30...12	AWG 30...12	2.5 mm²
Rated voltage to adjoining terminal	800			
Rated impulse withstand voltage to adjacent terminal	8			
Rated short-time current	300 A (2.5 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0			
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded	0.5...4 / 0.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...2.5			
Twin wire-end ferrule				
Stripping length / Blade size	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZDK 2.5/3AN PE	50	1924470000

Note

Accessories

	Type		Qty.	Order No.
End plate / Partition plate				
dark beige	ZAP/TW ZDK 2.5/3AN		20	1924910000
End bracket				
dark beige	ZEW 35/2		20	8630740000
Test adapter				
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Standard	ZTA ZT2.5	17.5 A	25	1827080000
Reducing sleeves				
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1		1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2		1000	1678800000
Cover				
With lightning flash symbol				
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	SNAPMARK I		50	1805880000

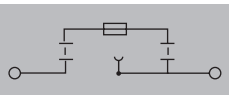
For detailed information on other accessories and application in the online catalogue

ZSI 2.5 — 2.5 mm²

For metric fuses 5 x 20 mm

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 79.5 x 73	
6.3 / 4	
0.13...4	



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	600 (C)	
6.3	10	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

ZSI 2.5

Overload and short-circuit protection

Type	Order No.
ZSI 2.5	1616400000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 6.3 A	27 °C	2.5 W / 2.5 A
In combination	55 °C	2.5 W / 6.3 A	41 °C	1.6 W / 6.3 A

Ordering data

Version	
	500 V AC/DC, without LED

Note

Type	Qty.	Order No.
ZSI 2.5	50	1616400000

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Plug-in cross-connection			
	2-pole		
	4-pole		
End plate / Partition plate			
	dark beige		
	dark beige		
Screwdriver			
	Standard		
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)			
	0.25 A fast		
	0.50 A fast		
	1.00 A fast		
	2.00 A fast		
Marking tags			

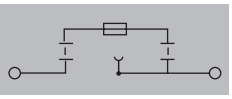
Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW 3		50	1608800000
ZAP TNHE/ZSI2.5		25	1610840000
SDIS SLIM 0.6X3.5X100		1	2749610000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

ZSI 2.5/QV — 2.5 mm²

For metric fuses 5 x 20

Width/Height/Depth	mm	7.9 x 79.5 x 73
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	400			
Rated current (A)	6.3			
for wire cross-section (mm²)	2.5			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Blade size	0.6 x 3.5 mm			

Note	
	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

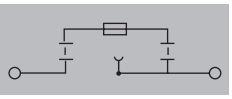
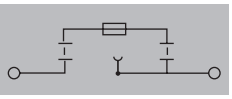
Ordering data

Version	Type	Qty.	Order No.
dark beige	ZSI 2.5/QV	50	**1799470000**
Note	For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.		

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate				
dark beige	ZAP/TW 3		50	**1608800000**
dark beige	ZAP TNHE/ZSI2.5		25	**1610840000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

	ZSI 2.5 LED	ZSI 2.5/5x25
	2.5 mm²	2.5 mm²
	For metric fuses 5 x 20 mm	For metric fuses 5 x 25 mm
Width/Height/Depth mm	7.9 x 79.5 x 73	7.9 x 79.5 x 73
max. current / max. cond. cross-section A/mm²	6.3 / 4	6.3 / 4
Max. clamping range mm²	0.13...4 	0.13...4 

Technical data

	ZSI 2.5 LED	ZSI 2.5/5x25
Rated data		
Rated voltage to adjoining terminal V	IEC 60947-7-3	IEC 60947-7-3
Rated current A	IEC 500 / UL 600 / CSA 600 / EN 60079-7 500	IEC 500 / UL 600 / CSA 600 / EN 60079-7 500
for wire cross-section mm²	IEC 6.3 / UL AWG 26...12 / CSA AWG 26...12	IEC 6.3 / UL AWG 26...12 / CSA AWG 26...12
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
UL 94 flammability rating	V-0	V-0
Approvals	CE, EAC, cULus	CE, EAC
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4
Blade size	0.6 x 3.5 mm	0.6 x 3.5 mm
Note	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version

	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5/LD 28AC	50	1616440000
10–36 V AC/DC, with LED	ZSI 2.5/LD 60AC	50	1616430000
30–70 V AC/DC, with LED	ZSI 2.5/LD 120AC	50	1616420000
60–150 V AC/DC, with LED	ZSI 2.5/LD 250AC	50	1616410000
140–250 V AC/DC, with LED			

Note

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Type	Qty.	Order No.
ZSI 2.5/5X25	50	1730900000

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Plug-in cross-connection

	Type		Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	1627850000
4-pole	ZQV 6/4 GE	41 A	60	1627870000
End plate / Partition plate				
dark beige	ZAP/TW 3		50	1608800000
dark beige	ZAP TNHE/ZSI2.5		25	1610840000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP/TW 3		50	1608800000
ZAP TNHE/ZSI2.5		25	1610840000
SDIS SLIM 0.6X3.5X100		1	2749610000
G 25/0.50A/M WS	0.5 A	10	0510300000
G 25/1.00A/M RT	1 A	10	0265800000
G 25/2.00A/F BL	2 A	10	0192700000
G 25/4.00A/F BR	4 A	10	0192800000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

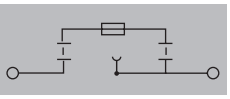
For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED.

ZSI 2.5/2 — 2.5 mm²

For imperial fuses

Width/Height/Depth	11.9 x 79.5 x 73 mm
max. current / max. cond. cross-section	12 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
12	16	15	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

ZSI 2.5/2

Overload and short-circuit protection

Type	Order No.
ZSI 2.5/2 500AC	1616460000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	46 °C	4.0 W / 10.0 A	40 °C	2.5 W / 2.5 A
In combination	72 °C	2.5 W / 2.5 A	29 °C	2.5 W / 2.5 A

Ordering data

Version	
	500 V AC/DC, without LED

Note

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	1616460000

The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.

Accessories

Plug-in cross-connection			
	2-pole		
	4-pole		
End plate / Partition plate			
	dark beige		
Screwdriver			
	Standard		
Marking tags			

Type		Qty.	Order No.
ZQS 2.5/2	24 A	20	1633200000
ZQS 2.5/4	24 A	20	1633220000
ZAP TNHE/ZSI2.5		25	1610840000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

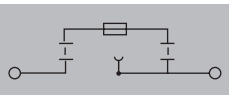
For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.

ZSI 2.5/2 LED — 2.5 mm²

For imperial fuses

Width/Height/Depth	mm	11.9 x 79.5 x 73
max. current / max. cond. cross-section	A/mm²	**12 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500			
Rated current A	12			
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
UL 94 flammability rating		V-0		
Approvals				

Clamped conductors (H05V/H07V)	
Solid / Stranded mm²	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note	
	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version	Type	Qty.	Order No.
10–36 V AC/DC, with LED	ZSI 2.5/2/LD 28AC	10	**1616470000**
60–150 V AC/DC, with LED	ZSI 2.5/2/LD 120AC	10	**1616490000**
140–250 V AC/DC, with LED	ZSI 2.5/2/LD 250AC	10	**1616500000**
Note	The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQS 2.5/2	24 A	20	**1633200000**
4-pole	ZQS 2.5/4	24 A	20	**1633220000**
End plate / Partition plate				
dark beige	ZAP TNHE/ZSI2.5		25	**1610840000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

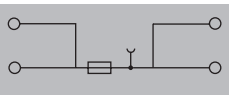
For detailed information on other accessories and application in the online catalogue	Status display using a bi-directional LED. With use of inch fuse cartridges.

ZSI 2.5 2x2 AN — 2.5 mm²

For metric fuses 5 x 20

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12.2 x 68 x 55
10 / 4
0.13...4



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)	300 (C)	
Rated current (A)	10	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals	CE, GL, cULus, EAC			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5-2/2X2AN/G20	20	**1826050000**

Note

Accessories

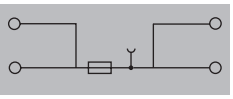
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A				
1.00 A medium slow / 3 A				
2.00 A fast / 5 A				
4.00 A fast / 10 A				

For detailed information on other accessories and application in the online catalogue

ZSI 2.5 2x2 AN — 2.5 mm²

For metric fuses 5 x 25

12.2 x 68 x 55
10 / 4
0.13...4



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	500	300 (C)	300 (C)	
Rated current (A)	10	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals	CE, GL, cULus, EAC			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 2.5-2/2X2AN/G25	20	**1826200000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast				
0.50 A fast				
1.00 A fast				
2.00 A fast				
Marking tags				
	WS 10/5 MC NE WS		720	**1635000000**
G25 with indicator / imperial (inch) fuse				
0.50 A medium slow / 2 A	G 25/0.50A/M WS	0.5 A	10	**0510300000**
1.00 A medium slow / 3 A	G 25/1.00A/M RT	1 A	10	**0265800000**
2.00 A fast / 5 A	G 25/2.00A/F BL	2 A	10	**0192700000**
4.00 A fast / 10 A	G 25/4.00A/F BR	4 A	10	**0192800000**

ZSI 2.5-2

Overload and short-circuit protection

ZSI 2.5-2 / G20

Type	Order No.
ZSI 2.5-2/2X2AN/G20	1826050000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			39 °C	2.5 W / 6.3 A
In combination			41 °C	1.6 W / 6.3 A

ZSI 2.5-2 / G25

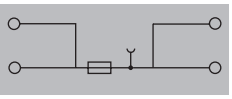
Type	Order No.
ZSI 2.5-2/2X2AN/G25	1826200000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

ZSI 2.5 2x2 AN LED — 2.5 mm²

For metric fuses 5 x 20

Width/Height/Depth	mm	12.2 x 68 x 55
max. current / max. cond. cross-section	A/mm²	**10 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)		
Rated current A	10	10		
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals	CE GL cULus EAC			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
10–36 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD1	20	**1867440000**
60–150 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD3	20	**1867420000**
140–250 V AC/DC, with LED	ZSI 2.5-2/2X2AN/G20/LD4	20	**1879730000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**

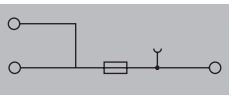
For detailed information on other accessories and application in the online catalogue

ZSI 6-2 — 6 mm²

For metric fuses 5 x 20

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

12.2 x 68 x 55	
10 / 10	
0.13...10	



ZSI 6-2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
	4 kV / 3		
	V-0		

Rated connection		
0.5...10	0.5...4	
0.5...10 / 0.5...6	0.5...4 / 0.5...2.5	
0.6 x 3.5 mm		

ZSI 6-2 2x2.5 / G20

Type	Order No.
ZSI 6-2 2X2.5/G20	1820930000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual			37 °C	2.5 W / 6.3 A
In combination			40 °C	1.6 W / 6.3 A

Ordering data

Version

500 V AC/DC, without LED
10–36 V AC/DC, with LED
140–250 V AC/DC, with LED

Note

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000

ZSI 6 2x2.5 / G25

Type	Order No.
ZSI 6-2 2X2.5/G25	1820950000

Accessories

Plug-in cross-connection

2-pole

End plate / Partition plate

End plate, Wemid

Screwdriver

Standard

G-fuse cartridge, 5 x 20 mm (IEC 60127-2)

0.50 A fast
1.00 A fast
2.00 A fast
0.25 A fast

G25 with indicator / imperial (inch) fuse

2.00 A fast / 5 A
4.00 A fast / 10 A
1.00 A medium slow / 3 A
0.50 A medium slow / 2 A

Marking tags

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZAP ZDU6-2 SW		50	1814710000
SDIS SLIM 0.8X4.0X100		1	2749620000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
G 20/0.25A/F	0.25 A	10	0430500000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

For detailed information on other accessories and application in the online catalogue

	ZSI 6-2 2x2.5	6 mm²	ZSI 6-2 LED	6 mm²
	For metric fuses 5 x 20 / 5 x 25		For metric fuses 5 x 20	

Width/Height/Depth	12.2 x 68 x 55	12.2 x 68 x 55
max. current / max. cond. cross-section	**10 / 10**	**10 / 10**
Max. clamping range	**0.13...10**	**0.13...10**

Technical data

Rated data		ZSI 6-2 2x2.5	ZSI 6-2 LED
Rated voltage to adjoining terminal	V	IEC 60947-7-3	IEC 60947-7-3
Rated current	A	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
for wire cross-section	mm²	500 / 300 (C) / 300 (C)	500 / 300 (C)
Rated impulse withstand voltage / Pollution severity		10 / 10 / 10	10 / 10
UL 94 flammability rating		6 / AWG 26...12 / AWG 26...8	6 / AWG 26...12 / AWG 20...8
Approvals		4 kV / 3	4 kV / 3
Clamped conductors (H05V/H07V)		V-0	V-0
Solid / Stranded	mm²	CE cULus EAC	CE cULus EAC
Flexible / Flexible with ferrule	mm²	**Rated connection**	**Rated connection**
Blade size		0.5...10 / 0.5...4	0.5...10 / 0.5...4
		0.5...10 / 0.5...6 / 0.5...4 / 0.5...2.5	0.5...10 / 0.5...6 / 0.5...4 / 0.5...2.5
		0.6 x 3.5 mm	0.6 x 3.5 mm
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 6-2 2X2.5/G25	20	**1820950000**			
10–36 V AC/DC, with LED				ZSI 6-2 2X2.5/G20/LD1	20	**1867500000**
140–250 V AC/DC, with LED				ZSI 6-2 2X2.5/G20/LD4	20	**1879750000**
Note						

Accessories

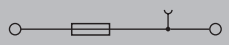
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4/2 GE	32 A	60	**1608950000**	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate								
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver								
Standard	SDS 0.8X4.0X100		1	**2749360000**	SDIS SLIM 0.8X4.0X100		1	**2749620000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**	G 20/2.00A/F	2 A	10	**0430900000**
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**	G 20/0.25A/F	0.25 A	10	**0430500000**
G25 with indicator / imperial (inch) fuse								
2.00 A fast / 5 A	G 25/2.00A/F BL	2 A	10	**0192700000**				
4.00 A fast / 10 A	G 25/4.00A/F BR	4 A	10	**0192800000**				
1.00 A medium slow / 3 A	G 25/1.00A/M RT	1 A	10	**0265800000**				
0.50 A medium slow / 2 A	G 25/0.50A/M WS	0.5 A	10	**0510300000**				
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**	WS 10/5 MC NE WS		720	**1635000000**

For detailed information on other accessories and application in the online catalogue

ZSI 6-2/FC — 6 mm²

For car fuses

Width/Height/Depth	8.1 x 70 x 50
max. current / max. cond. cross-section	**30 / 10**
Max. clamping range	**0.33...10**



Technical data

DIN 72581-3, IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal (V)	250	300 (C)	300 (C)	
Rated current (A)	30	25	25	
for wire cross-section (mm²)	6	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE GL cULus EAC KEUR			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...10
Flexible / Flexible with ferrule (mm²)	0.5...10 / 0.5...6
Blade size	4.0 x 0.8 mm

Note

Fuse continuous current max. 80 % IN.

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	ZSI 6-2/FC	25	**1814690000**
10-36 V AC/DC, with LED	ZSI 6-2/FC LD	25	**1814700000**

Note

Accessories

Pluggable cross-connection	Type	current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	**1627850000**
4-pole	ZQV 6/4 GE	41 A	60	**1627870000**
End plate / Partition plate				
End plate, Wemid	ZAP ZDU6-2 SW		50	**1814710000**
Screwdriver				
Standard	SDIS SLIM 0.8X4.0X100		1	**2749620000**

Circuit breaker ETA and car fuses*	Circuit breaker 1180
Rated voltage	65 V DC / 250 V AC
Rated current (A)	0.1...10
Switching capacity (A)	2000
Protection (IP)	40

*) **Note:** not possible to order from Weidmüller

Rated current circuit breaker (A)	Order No.		Order No.
0.1	**1278840000**	2	**1278970000**
0.2	**1278850000**	2.5	**1278980000**
0.25	**1278860000**	3	**1278990000**
0.3	**1278870000**	3.5	**1279010000**
0.4	**1278880000**	4	**1279020000**
0.5	**1278910000**	5	**1279030000**
0.6	**1278920000**	6	**1279040000**
0.7	**1278930000**	7	**1279050000**
0.8	**1278940000**	8	**1279060000**
1	**1278950000**	10	**1279070000**
1.5	**1278960000**		

ETA 1180

Identification systems			
DEK 5/6 MC NE WS	1000	**1609820000**
WS 12/6 MC NE WS	600	**1609900000**

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of Pudenz fuses.

ZSI 6-2/FC

Overload and short-circuit protection

Type	Order No.
ZSI 6-2/FC	**1814690000**

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	3,0 W / 30 A	*	*
In combination	28 °C	1.90 W / 24 A (30 A)**	*	*

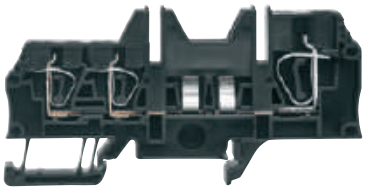
*) Values not available
**) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1170) or alternatively car fuses

ZSI 2x6/4x2.5 FC — 6/2.5 mm²

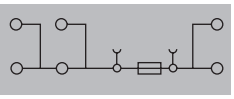
Circuit breaker ETA 1170
28 V DC



ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Width/Length/Height with TS35x7.5	mm	16 / 93 / 47.5
Insulating stripping length	mm	**10**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	500	600	600	
Rated current	A	57	20	20	
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
		6	AWG 20...8	AWG 20...8	
Approvals		CE SP cULus EAC			
Other technical data		**Output**	**Input**		
Clamped conductors					
solid H07V-U	mm²	0.5...4	0.5...10		
stranded H07V-K	mm²	0.5...4	0.5...10		
„f" with ferrule acc. DIN 46 228/1	mm²	0.5...2.5	0.5...6		
„f" ferrules with plastic collar	mm²	0.5...2.5	0.5...6		
max. clamping range in mm²					
gauge acc. to IEC 60 947-1	Size	0.08...4	0.21...10		

Note

Type	Order No.
ZSI 2X6/4X2.5 FC	1058520000

Arrangement	Applications			
	ETA fuse		Automotive fuse	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*	45 °C	1.9 W / 24 A (30 A)**
In combination	24 °C	1.68 W / 20 A (25 A)*	35 °C	1.9 W / 24 A (30 A)**

*) ETA circuit breakers 1170
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 25 A fuse can be loaded to a maximum 20 A

**) Automotive fuses in accordance with DIN 41576
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 30 A fuse can be loaded to a maximum 24 A

Ordering data

Type	Qty.	Order No.
ZSI 2x6/4x2.5 FC	10	1058520000

Note

Accessories

Pluggable cross-connection	Type	Current	Qty.	Order No.
2-pole	ZQV 6/2 GE	41 A	60	1627850000
3-pole				
4-pole				
End plate / partition				
ZAP black Wemid	ZAP ZSI2x6/4x2.5		50	1059310000
Screwdriver				
SD acc. to DIN 5264-A	SDIS SLIM 0.6X3.5X100		1	2749610000
	SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker ETA and car fuses*	
Rated voltage	12 V DC / 48 V DC
Rated current	3...25
Switching capacity	200
Protection	40

Circuit breaker 1170			
	Colour	Order No.
Rated current circuit breaker	3	violet	1278730000
	4	pink	1278740000
	5	orange	1278750000
	6	green	1278760000
	7.5	brown	1278770000
	8	yellow	1278780000
	10	red	1278790000
	15	blue	1278810000
	20	yellow	1278820000
	25	white	1278830000

ETA 1170

Marking systems	(see assortment in catalogue 7)
Marking tags	DEK 5/5 MC

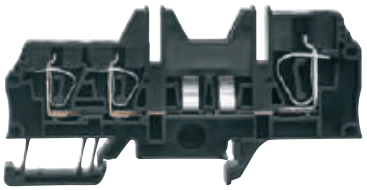
*) **Note:**
not possible to order from Weidmüller

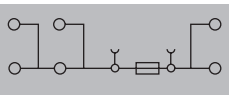
Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1180)

ZSI 2x6/4x2.5 — 6/2.5 mm²

Circuit breaker ETA 1180
65 V DC / 250 V AC





ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	500	600	600	
Rated current	A	57	20	20	
Rated cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
		6	AWG 20...8	AWG 20...8	
Approvals		CE SEV cULus EAC			
Other technical data		**Output**	**Input**		
Clamped conductors					
solid H07V-U	mm²	0.5...4	0.5...10		
stranded H07V-K	mm²	0.5...4	0.5...10		
„f" with ferrule acc. DIN 46 228/1	mm²	0.5...2.5	0.5...6		
„f" ferrules with plastic collar	mm²	0.5...2.5	0.5...6		
max. clamping range in mm²					
gauge acc. to IEC 60 947-1	Size	0.08...4	0.21...10		

Note

Type	Order No.
ZSI 2X6/4X2.5	1265990000

Arrangement	Applications	
	ETA fuse	
	T_A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*
In combination	24 °C	1.68 W / 20 A (25 A)*

*) ETA circuit breakers 1180
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒The 25 A fuse can be loaded to a maximum 20 A

Ordering data

Note

Type	Qty.	Order No.
ZSI 2x6/4x2.5	10	1265990000

Accessories

Pluggable cross-connection		Type	Strom	Qty.	Order No.
	2-pole	ZQV 6/2 GE	41 A	60	1627850000
	3-pole				
	4-pole				
End plate / partition					
	ZAP black Wemid	ZAP ZSI2x6/4x2.5		50	1059310000
Screwdriver					
	SD acc. to DIN 5264-A	SDIS SLIM 0.6X3.5X100		1	2749610000
		SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP

Rated current circuit breaker	A	Circuit breaker 1180	Order No.		Order No.
		0.1	1278840000	2	1278970000
		0.2	1278850000	2.5	1278980000
		0.25	1278860000	3	1278990000
		0.3	1278870000	3.5	1279010000
		0.4	1278880000	4	1279020000
		0.5	1278910000	5	1279030000
		0.6	1278920000	6	1279040000
		0.7	1278930000	7	1279050000
		0.8	1278940000	8	1279060000
		1	1278950000	10	1279070000
		1.5	1278960000		

ETA 1180

Marking systems	(see assortment in catalogue 7)	DEK 5/5 MC
	Marking tags	

*) **Note:**
not possible to order from Weidmüller

Fuse cartridges and gauge rings for Weidmüller fuse terminal blocks

Fuse cartridges

for terminal type:
PSI 6/10
WSI 4
WSI 6
AFS 4 2C BK
PSI 6/10 SW
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB

Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI)[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
Cartridge fuse	G-Si. 5 x 20	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	1.5 kA	0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 6

Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
Cartridge fuse	G-Si. 5 x 25	0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
Rated breaking capacity	80 A	1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63

Ordering data

Fuse cartridges 1¼" x ¼" without indicator in acc. with BS 88

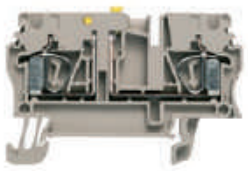
Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
Cartridge fuse	G-Si. 6.3 x 32	2	quick-acting	GZ 2.0A/F	10	1460600000
Rated breaking capacity	50 kA	3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

Note: 1) The company SIBA supplies G-type cartridge fuses, 5 x 25 with indicator, also in marine engineering version for 450 V~.

ZTR 2.5 — 2.5 mm²

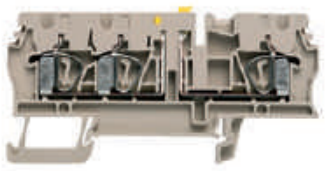
Two connections



Width/Height/Depth	5.1 x 59.5 x 38.5
max. current / max. cond. cross-section	**20 / 4**
Max. clamping range	**0.05...4**

ZTR 2.5/3AN — 2.5 mm²

Three connections



Width/Height/Depth	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section	**20 / 4**
Max. clamping range	**0.05...4**

Technical data

Rated data		ZTR 2.5	ZTR 2.5/3AN
Rated voltage of feed-through terminal	V	500	500
Rated current	A	20	20
for wire cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0	A3 / V-0
Number of operating cycles			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
20	20	20	
2.5	AWG 30...12	AWG 30...12	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	300	
20	20	10	
2.5	AWG 30...12	AWG 26...12	

Ordering data

Version	ZTR 2.5	ZTR 2.5/3AN
dark beige		
Blue		
Note		

Type	Qty.	Order No.
ZTR 2.5	50	**1831280000**
ZTR 2.5 BL	50	**8731710000**

Type	Qty.	Order No.
ZTR 2.5/3AN	50	**8731720000**
ZTR 2.5/3AN BL	50	**8731730000**

Accessories

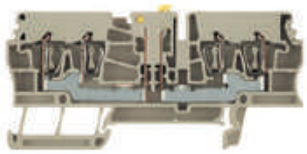
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
4-pole				
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW 1		50	**1608740000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	**0180400000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Test adapter				
Standard	ZTA 1	9 A	25	**1609040000**
With spigot	ZTA 1/ZA	9 A	25	**1609050000**
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
4-pole				
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
End plate / Partition plate				
dark beige	ZAP/TW 3		50	**1608800000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	**0180400000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
Test adapter				
Standard	ZTA 1	9 A	25	**1609040000**
With spigot	ZTA 1/ZA	9 A	25	**1609050000**
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**

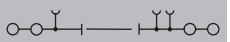
For detailed information on other accessories and application in the online catalogue

ZTR 2.5/4AN — 2.5 mm²

Four connections



5.1 x 82.5 x 38.5
16 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 30...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ZTR 2.5/4AN		50	7920900000
ZTR 2.5/4AN BL		50	7920930000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW 3		50	1608800000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
PS 2.3 RT	20 mA	20	0180400000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

ZTR 2.5-2 — 2.5 mm²

Two connections

5.1 x 50.5 x 43.5
21 / 2.5
0.13...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ZTR 2.5-2		50	1779010000
ZTR 2.5-2 BL		50	1779120000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

ZTR 6-2 — 6 mm²

Two connections

8.1 x 70 x 50
32 / 10
0.05...10

IEC	UL	CSA	EN 60079-7
690	300		
32	25		
6	AWG 22...8		
	8 kV / 3		
	A5 / V-0		

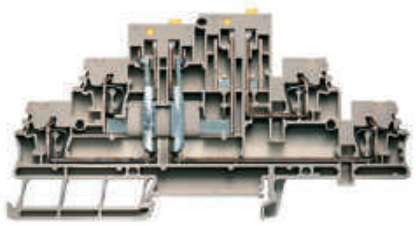
Rated connection
0.5...10 / 0.5...6
0.5...6 / 0.5...6
12 / 0.6 x 3.5 mm

Type		Qty.	Order No.
ZTR 6-2		50	1023830000
End plate (article: 1771440000 ZAP ZDU6-2) included.			

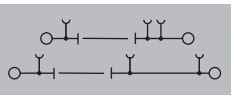
Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
SDIS 0.6X3.5X100		1	2749810000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/8 MC NE WS		800	1856740000
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

ZDTR 2.5 — 2.5 mm²

Four connections



Width/Height/Depth	mm	5.1 x 117 x 67
max. current / max. cond. cross-section	A/mm²	**16 / 4**
Max. clamping range	mm²	**0.13...4**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal (V)	400	300	300	
Rated current (A)	16	10	10	
for wire cross-section (mm²)	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Number of operating cycles				
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded (mm²)	0.5...4
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm

Note

Ordering data

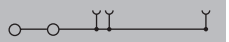
Version	Type	Qty.	Order No.
dark beige	ZDTR 2.5	20	**1745400000**
Blue	ZDTR 2.5 BL	20	**1798330000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate				
dark beige	AP ZDTR2.5		20	**1745420000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	**0180400000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

	ZT 2.5/2AN/1	2.5 mm²	ZT 2.5/3AN/1	2.5 mm²
Width/Height/Depth mm	5.1 x 58 x 34.5		5.1 x 71.5 x 34.5	
max. current / max. cond. cross-section A/mm²	24 / 4		24 / 4 	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Max. voltage of clamp support & pluggable system V	690			
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Max. voltage of clamp support & pluggable system V	690			
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

	Type	Qty.	Order No.
dark beige	ZT 2.5/2AN/1	50	1815070000
Blue	ZT 2.5/2AN/1 BL	50	1295550000
Plug-in connector	**Type**	**Qty.**	**Order No.**
	ZP 2.5/1AN/QV/1	50	1815190000
	ZP 2.5/1AN/QV/2	25	1815200000
	ZP 2.5/1AN/QV/3	25	1815210000
	ZP 2.5/1AN/QV/4	25	1815220000
	ZP 2.5/1AN/QV/5	25	1815230000
	ZP 2.5/1AN/QV/6	25	1815240000
	ZP 2.5/1AN/QV/7	25	1815250000
	ZP 2.5/1AN/QV/8	20	1815260000
	ZP 2.5/1AN/QV/9	20	1815270000
	ZP 2.5/1AN/QV/10	20	1815280000

Note

	Type	Qty.	Order No.
	ZT 2.5/3AN/1	50	1815090000
	ZT 2.5/3AN/1 BL	50	1304720000
	Type	**Qty.**	**Order No.**
	ZP 2.5/1AN/QV/1	50	1815190000
	ZP 2.5/1AN/QV/2	25	1815200000
	ZP 2.5/1AN/QV/3	25	1815210000
	ZP 2.5/1AN/QV/4	25	1815220000
	ZP 2.5/1AN/QV/5	25	1815230000
	ZP 2.5/1AN/QV/6	25	1815240000
	ZP 2.5/1AN/QV/7	25	1815250000
	ZP 2.5/1AN/QV/8	20	1815260000
	ZP 2.5/1AN/QV/9	20	1815270000
	ZP 2.5/1AN/QV/10	20	1815280000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	ZAP/TW ZT2.5/2AN		50	1816030000
Orange	ZAP/TW ZT2.5/2AN OR		50	1816040000
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/5 MC M SDR		144	1792010000
	DEK 5/5 MM WS		800	2007110000

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	ZAP/TW ZT2.5/3AN		50	1816050000
Orange				
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC M SDR		144	1792010000
	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

ZT 2.5/4AN/2 — 2.5 mm²

5.1 x 93 x 34.5
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

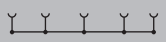
Type	Qty.	Order No.
ZT 2.5/4AN/2	50	1815110000

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZT2.5/4AN/2		50	1816070000
ZAP/TW ZT2.5/4AN/2 OR		50	1816080000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC M SDR		144	1792010000
DEK 5/5 MM WS		800	2007110000

ZT 2.5/4AN/4 — 2.5 mm²

5.1 x 85.5 x 34.5
24 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	/ V-0		

Rated connection	Plug-in connection

Type	Qty.	Order No.
ZT 2.5/4AN/4	50	1815130000

Type	Qty.	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZAP/TW ZT2.5/4AN/4		50	1816090000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

	ZT 4/2AN/1	4 mm²	ZT 4/4AN/2	4 mm²
Width/Height/Depth mm	6.5 x 58 x 43		6.5 x 100.5 x 43	
max. current / max. cond. cross-section A/mm²	**32 / 6**		**32 / 6**	
Max. clamping range mm²	**0.13...6**		**0.13...6**	

Technical data

Rated data					In accordance with IEC 60947-7-1				In accordance with IEC 60947-7-1			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V				800	600	600		800	600	600	
Max. voltage of clamp support & pluggable system	V				800				800			
Rated current	A				32	28	28		32	28	28	
for wire cross-section	mm²				4	AWG 26...10	AWG 26...10		4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity						8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating						A3 / V-0				A3 / V-0		
Approvals					CE SEV cULus EAC				CE SEV cULus EAC			
Clamped conductors (H05V/H07V)					**Rated connection**		**Plug-in connection**		**Rated connection**		**Plug-in connection**	
Solid / Stranded	mm²				0.5...6				0.5...6			
Flexible / Flexible with ferrule	mm²				0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Stripping length / Blade size	mm/-				12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Note												

Ordering data

		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	ZT 4/2AN/1	50	**1854960000**	ZT 4/4AN/2	50	**1848350000**
	Blue	ZT 4/2AN/1 BL	50	**1312830000**			
Plug-in connector		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
		ZP 4/1AN/1	50	**1848340000**	ZP 4/1AN/1	50	**1848340000**
		ZP 4/1AN/2	25	**1854990000**	ZP 4/1AN/2	25	**1854990000**
		ZP 4/1AN/3	25	**1855000000**	ZP 4/1AN/3	25	**1855000000**
		ZP 4/1AN/4	25	**1855010000**	ZP 4/1AN/4	25	**1855010000**
		ZP 4/1AN/5	20	**1855020000**	ZP 4/1AN/5	20	**1855020000**
		ZP 4/1AN/6	20	**1855030000**	ZP 4/1AN/6	20	**1855030000**
		ZP 4/1AN/7	20	**1855040000**	ZP 4/1AN/7	20	**1855040000**
		ZP 4/1AN/8	20	**1855050000**	ZP 4/1AN/8	20	**1855050000**
		ZP 4/1AN/9	10	**1855060000**	ZP 4/1AN/9	10	**1855060000**
		ZP 4/1AN/10	10	**1855070000**	ZP 4/1AN/10	10	**1855070000**
Note							

Accessories

		Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection									
	2-pole	ZQV 4/2 GE	32 A	60	**1608950000**	ZQV 4/2 GE	32 A	60	**1608950000**
End plate / Partition plate									
	dark beige	ZAP/TW ZT4/2AN		50	**1855220000**	ZAP/TW ZT4/4AN/2		50	**1848360000**
	Orange	ZAP/TW ZT4/2AN OR		50	**1855230000**				
Miscellaneous accessories WeiCoS									
	Locking element	ZVR ZP4		25	**1855250000**	ZVR ZP4		25	**1855250000**
	Coding element	KOSF ZT4		50	**1856860000**	KOSF ZT4		50	**1856860000**
	Strain relief	ZZE ZP4		25	**1855260000**	ZZE ZP4		25	**1855260000**
Screwdriver									
	Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags									
		DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**
		WS 10/6 MC NE WS		600	**1828450000**	WS 10/6 MC NE WS		600	**1828450000**
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

	ZTPE 2.5/2AN/1	2.5 mm²	ZTPE 2.5/3AN/1	2.5 mm²
Width/Height/Depth mm	5.1 x 58 x 34.5		5.1 x 71.5 x 34.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

Rated data		In accordance with IEC 60947-7-2				In accordance with IEC 60947-7-2			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300		500		300	
Max. voltage of clamp support & pluggable system	V	690				690			
Rated short-time current		300 (2.5 mm²)				300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12			2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity				/ 3				/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A2 / V-0				A2 / V-0	
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**		**Plug-in connection**		**Rated connection**		**Plug-in connection**	
Solid / Stranded	mm²	0.5...4				0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	Green/yellow	ZTPE 2.5/2AN/1	50	1815080000	ZTPE 2.5/3AN/1	50	1815100000
Note							

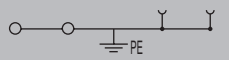
Accessories

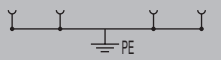
	Type		Qty.	Order No.	Type		Qty.	Order No.
End plate / Partition plate								
dark beige	ZAP/TW ZT2.5/2AN		50	1816030000	ZAP/TW ZT2.5/3AN		50	1816050000
Orange	ZAP/TW ZT2.5/2AN OR		50	1816040000				
Test adapter								
Standard	ZTA ZT2.5	17.5 A	25	1827080000	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS								
Locking element	ZVR ZP2.5		25	1816130000	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000	ZZE ZP2.5		25	1816140000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

	ZTPE 2.5/4AN/2	2.5 mm²	ZTPE 2.5/4AN/4	2.5 mm²

Width/Height/Depth	mm	5.1 x 93 x 34.5	5.1 x 85.5 x 34.5
max. current / max. cond. cross-section	-/mm²	/ 4	/ 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

In accordance with IEC 60947-7-2

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			/ 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**		**Plug-in connection**	
Solid / Stranded	mm²	0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm²)			
2.5	AWG 26...12		
	/ 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version		Type	Qty.	Order No.
	Green/yellow	ZTPE 2.5/4AN/2	50	1815120000

Note

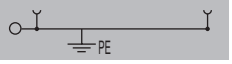
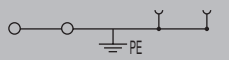
Type	Qty.	Order No.
ZTPE 2.5/4AN/4	50	1815140000

Accessories

End plate / Partition plate		Type		Qty.	Order No.
	dark beige	ZAP/TW ZT2.5/4AN/2		50	1816070000
	Orange	ZAP/TW ZT2.5/4AN/2 OR		50	1816080000
Test adapter					
	Standard	ZTA ZT2.5	17.5 A	25	1827080000
	With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS					
	Locking element	ZVR ZP2.5		25	1816130000
	Coding element	KOSF ZT2.5		50	1816150000
	Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver					
	Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags					
		DEK 5/5 MC NE WS		1000	1609801044
		WS 10/5 MC NE WS		720	1635000000
		DEK 5/5 MM WS		800	2007110000

Type		Qty.	Order No.
ZAP/TW ZT2.5/4AN/4		50	1816090000
ZTA ZT2.5	17.5 A	25	1827080000
ZTA ZT2.5/ZA	17.5 A	25	1847600000
ZVR ZP2.5		25	1816130000
KOSF ZT2.5		50	1816150000
ZZE ZP2.5		25	1816140000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

	ZTPE 4/2AN/1	4 mm²	ZTPE 4/4AN/2	4 mm²
Width/Height/Depth mm	6.5 x 58 x 43		6.5 x 100.5 x 43	
max. current / max. cond. cross-section -/mm²	/ 6		/ 6	
Max. clamping range mm²	0.13...6 		0.13...6 	

Technical data

	ZTPE 4/2AN/1	ZTPE 4/4AN/2
Rated data	In accordance with IEC 60947-7-2	In accordance with IEC 60947-7-2
Rated voltage V	IEC: 500	IEC: 500
Max. voltage of clamp support & pluggable system V	IEC: 800	IEC: 800
Rated short-time current	IEC: 480 (4 mm²)	IEC: 480 (4 mm²)
for wire cross-section mm²	4 mm² / AWG 26...10	4 mm² / AWG 26...10
Rated impulse withstand voltage / Pollution severity	CSA: / 3	CSA: / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	CSA: A3 / V-0	CSA: A3 / V-0
Approvals	EN 60079-7: CE, SEV, cULus, EAC	EN 60079-7: CE, SEV, cULus, EAC
Clamped conductors (H05V/H07V)	**Rated connection / Plug-in connection**	**Rated connection / Plug-in connection**
Solid / Stranded mm²	0.5...6	0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...4	0.5...6 / 0.5...4
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm	12 / 0.6 x 3.5 mm
Note		

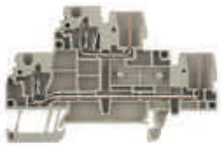
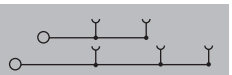
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow	ZTPE 4/2AN/1	50	1854970000	ZTPE 4/4AN/2	50	1848330000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
End plate / Partition plate								
dark beige	ZAP/TW ZT4/2AN		50	1855220000	ZAP/TW ZT4/4AN/2		50	1848360000
Orange	ZAP/TW ZT4/2AN OR		50	1855230000				
Test adapter								
Standard	ZTA ZT2.5	17.5 A	25	1827080000	ZTA ZT2.5	17.5 A	25	1827080000
Miscellaneous accessories WeiCoS								
Locking element	ZVR ZP4		25	1855250000	ZVR ZP4		25	1855250000
Coding element	KOSF ZT4		50	1856860000	KOSF ZT4		50	1856860000
Strain relief	ZZE ZP4		25	1855260000	ZZE ZP4		25	1855260000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags								
	DEK 5/6 MC NE WS		1000	1609820000	DEK 5/6 MC NE WS		1000	1609820000
	WS 10/6 MC NE WS		600	1828450000	WS 10/6 MC NE WS		600	1828450000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
DIN A4 sheets								
Paper	ESO 7 DIN A4 WS		10	1607720000	ESO 7 DIN A4 WS		10	1607720000
Protective strip								
	STR 7 F.SCHT 7		20	0515300000	STR 7 F.SCHT 7		20	0515300000

For detailed information on other accessories and application in the online catalogue

	ZDT 2.5/2	2.5 mm²	ZDT 2.5/2 V	2.5 mm²
				
Width/Height/Depth mm	5.1 x 80.5 x 52		5.1 x 80.5 x 52	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**24 / 4**	
Max. clamping range mm²	**0.13...4**		**0.13...4**	

Technical data

	ZDT 2.5/2	2.5 mm²	ZDT 2.5/2 V	2.5 mm²
Rated data	IEC 61984, In accordance with IEC 60947-7-1		IEC 61984, In accordance with IEC 60947-7-1	
Rated voltage V	500		500	
Max. voltage of clamp support & pluggable system V	690		690	
Rated current A	24		24	
for wire cross-section mm²	2.5		2.5	
Rated impulse withstand voltage / Pollution severity	6 kV / 3		6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	A2 / V-0		A2 / V-0	
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4		0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5		0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	

	IEC	UL	CSA	EN 60079-7
ZDT 2.5/2	500	300	300	
	690			
	24	20	20	
	2.5	AWG 26...12		
ZDT 2.5/2 V	500			
	690			
	24			
	2.5			

	Rated connection	Plug-in connection
ZDT 2.5/2	0.5...4	
	0.5...4 / 0.5...2.5	
	10 / 0.6 x 3.5 mm	
ZDT 2.5/2 V	0.5...4	
	0.5...4 / 0.5...2.5	
	10 / 0.6 x 3.5 mm	

Note

Ordering data

	Type	Qty.	Order No.
dark beige	ZDT 2.5/2	50	**1815150000**
Blue	ZDT 2.5/2 BL	50	**1348970000**
Plug-in connector			
	ZP 2.5/1AN/QV/1	50	**1815190000**
	ZP 2.5/1AN/QV/2	25	**1815200000**
	ZP 2.5/1AN/QV/3	25	**1815210000**
	ZP 2.5/1AN/QV/4	25	**1815220000**
	ZP 2.5/1AN/QV/5	25	**1815230000**
	ZP 2.5/1AN/QV/6	25	**1815240000**
	ZP 2.5/1AN/QV/7	25	**1815250000**
	ZP 2.5/1AN/QV/8	20	**1815260000**
	ZP 2.5/1AN/QV/9	20	**1815270000**
	ZP 2.5/1AN/QV/10	20	**1815280000**

Note

	Type	Qty.	Order No.
	ZDT 2.5/2 V	50	**1084770000**
	ZP 2.5/1AN/QV/1	50	**1815190000**
	ZP 2.5/1AN/QV/2	25	**1815200000**
	ZP 2.5/1AN/QV/3	25	**1815210000**
	ZP 2.5/1AN/QV/4	25	**1815220000**
	ZP 2.5/1AN/QV/5	25	**1815230000**
	ZP 2.5/1AN/QV/6	25	**1815240000**
	ZP 2.5/1AN/QV/7	25	**1815250000**
	ZP 2.5/1AN/QV/8	20	**1815260000**
	ZP 2.5/1AN/QV/9	20	**1815270000**
	ZP 2.5/1AN/QV/10	20	**1815280000**

Accessories

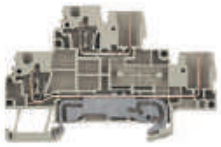
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate				
dark beige	ZAP/TW ZDT2.5/2		50	**1816110000**
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	**1827080000**
With spigot	ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	**1816130000**
Coding element	KOSF ZT2.5		50	**1816150000**
Strain relief	ZZE ZP2.5		25	**1816140000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

	Type		Qty.	Order No.
	ZQV 2.5N/2	24 A	60	**1527540000**
	ZQV 2.5N/10	24 A	20	**1527690000**
	ZAP/TW ZDT2.5/2		50	**1816110000**
	ZTA ZT2.5	17.5 A	25	**1827080000**
	ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
	ZVR ZP2.5		25	**1816130000**
	KOSF ZT2.5		50	**1816150000**
	ZZE ZP2.5		25	**1816140000**
	SDS 0.6X3.5X100		1	**2749340000**
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

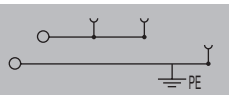
For detailed information on other accessories and application in the online catalogue

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

ZDT 2.5/2 DU-PE — 2.5 mm²



5.1 x 80.5 x 52
24 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

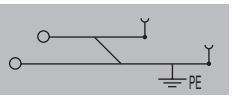
Type	Qty.	Order No.
ZDT 2.5/2 DU-PE	50	**1815160000**

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	**1815190000**
ZP 2.5/1AN/QV/2	25	**1815200000**
ZP 2.5/1AN/QV/3	25	**1815210000**
ZP 2.5/1AN/QV/4	25	**1815220000**
ZP 2.5/1AN/QV/5	25	**1815230000**
ZP 2.5/1AN/QV/6	25	**1815240000**
ZP 2.5/1AN/QV/7	25	**1815250000**
ZP 2.5/1AN/QV/8	20	**1815260000**
ZP 2.5/1AN/QV/9	20	**1815270000**
ZP 2.5/1AN/QV/10	20	**1815280000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
ZAP/TW ZDT2.5/2		50	**1816110000**
ZTA ZT2.5	17.5 A	25	**1827080000**
ZTA ZT2.5/ZA	17.5 A	25	**1847600000**
ZVR ZP2.5		25	**1816130000**
KOSF ZT2.5		50	**1816150000**
ZZE ZP2.5		25	**1816140000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
DEK 5/5 MC NE WS		1000	**1609801044**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

ZDT 2.5/2 PE — 2.5 mm²

Width/Height/Depth	5.1 x 80.5 x 52
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.13...4



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500		300	
Max. voltage of clamp support & pluggable system	V	690			
Rated short-time current		300 (2.5 mm²)			
for wire cross-section	mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity				/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A2 / V-0	
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note	IEC 61984, In accordance with IEC 60947-7-1

Ordering data

Version	Type	Qty.	Order No.
Green/yellow	ZDT 2.5/2 PE	50	1815170000

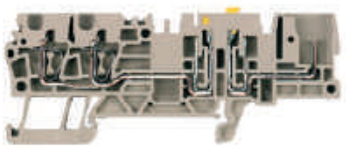
Note

Accessories

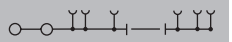
End plate / Partition plate	Type		Qty.	Order No.
dark beige	ZAP/TW ZDT2.5/2		50	1816110000
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	1827080000
With spigot	ZTA ZT2.5/ZA	17.5 A	25	1847600000
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP2.5		25	1816130000
Coding element	KOSF ZT2.5		50	1816150000
Strain relief	ZZE ZP2.5		25	1816140000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000
	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

ZTTR 2.5 — 2.5 mm²



Width/Height/Depth	mm	5.1 x 87 x 36
max. current / max. cond. cross-section	A/mm²	18 / 4
Max. clamping range	mm²	0.13...4



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	400	600	300	
Max. voltage of clamp support & pluggable system	-				
Rated current	A	16	16	16	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0		
Approvals					

Clamped conductors (H05V/H07V)		Rated connection	Plug-in connection
Solid / Stranded	mm²	0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	

Note	IEC 61984, In accordance with IEC 60947-7-1

Ordering data

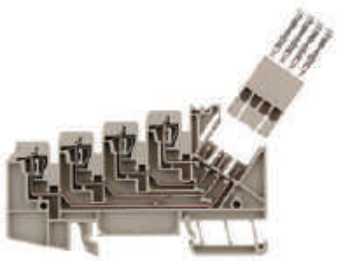
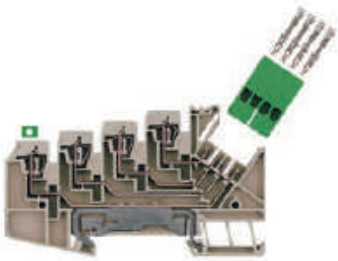
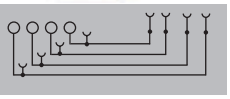
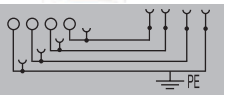
Version	Type	Qty.	Order No.
dark beige	ZTTR 2.5	50	1865510000
without isolator, dark beige	ZTTR 2.5 O.TNHE	50	1905470000

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	ZAP/TW ZTTR2.5		50	1865520000
End bracket				
dark beige	ZEW 35		20	9540000000
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

	ZRV 1.5	1.5 mm²	ZRV 1,5/PE	1.5 mm²
	Base terminal - plug		Base terminal - plug	
				
Width/Height/Depth mm	5.1 x 89.5 x 52		5.1 x 89.5 x 52	
max. current / max. cond. cross-section -/mm²	/ 2.5		/ 2.5	
Max. clamping range mm²	0.13...2.5		0.13...2.5	

Technical data

	ZRV 1.5				ZRV 1,5/PE			
Rated data								
Rated voltage V	IEC 61984, In accordance with IEC 60947-7-1				IEC 61984, In accordance with IEC 60947-7-1			
Max. voltage of clamp support & pluggable system -	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated current A	63	150			63	150		
for wire cross-section mm²								
Rated impulse withstand voltage / Pollution severity	4	10			4	10		
Gauge to IEC 60947-1 / UL 94 flammability rating	1.5	AWG 26...14			1.5	AWG 26...14		
Approvals		1.5 kV / 3				1.5 kV / 3		
		A1 / V-0				A1 / V-0		
	CE UL				CE UL			
Clamped conductors (H05V/H07V)	**Rated connection**	**Plug-in connection**			**Rated connection**	**Plug-in connection**		
Solid / Stranded mm²	0.5...2.5				0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...1.5				0.5...2.5 / 0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note								

Ordering data

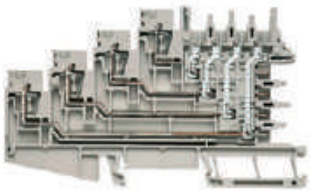
	ZRV 1.5			ZRV 1,5/PE		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
Base terminal	ZRV 1.5	50	**1698160000**	ZRV 1.5/PE	50	**1698170000**
Note						

Accessories

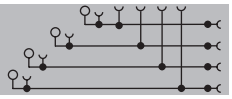
	ZRV 1.5				ZRV 1,5/PE			
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 2.5/2	24 A	60	**1608860000**	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
STGH plug housing								
With spigot	STGH 4 ZRV1.5	4 A	50	**1698190000**	STGH 4 ZRV1.5/PE GN	4 A	50	**1698200000**
Without peg								
Crimping contact								
Reel packaged								
Reel packaged								
Reel packaged								
Single contacts	DFFC .5-1.0 ZRV1.5		500	**1705320000**	DFFC .5-1.0 ZRV1.5		500	**1705320000**
Single contacts								
Single contacts	DFFC 0.2-0.35 ZRV1.5		500	**1705310000**	DFFC 0.2-0.35 ZRV1.5		500	**1705310000**
Test adapter								
Plug housing black								
Black plug housing								
End plate / Partition plate								
beige Wemid								
dark brown	AP ZRV1.5 DB		10	**1698180000**	AP ZRV1.5 DB		10	**1698180000**
Locking elements								
Tools								
Pressing tool	HTF ZRV		1	**9014840000**	HTF ZRV		1	**9014840000**
Mounting tool								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZRV 2.5/2 — 2.5 mm²



5.2 x 115 x 69.5
10 / 4
0.21...4



IEC 61984, In accordance with IEC 60947-7-1

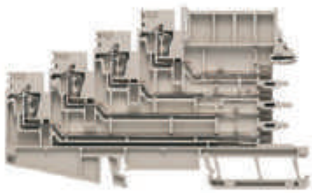
IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
2.5	AWG 24...14	AWG 26...14	
	4 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

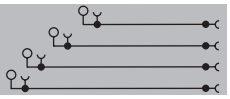
Type	Qty.	Order No.
ZRV 2.5/2	50	1906970000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
STGH ZRV2.5		50	1907000000
STGH 0.ZA ZRV2.5		50	1907010000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4200	1848480000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
STGH 0.R/SW ZRV2.5		25	1898420000
STGH 0.ZA/0.R/SW ZRV2.5		25	1898430000
AP ZRV2.5		10	1906980000
HTF AFK 2.5		1	9201040000
REMOVAL TOOL AFK		1	1866760000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

ZRV 2.5/1 — 2.5 mm²



5.2 x 115 x 69.5
/ 4
0.5...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
10	10		
2.5	AWG 24...14		
	4 kV / 3		
	/ V-0		

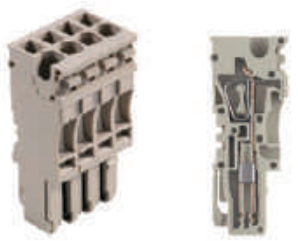
Rated connection	Plug-in connection
0.5...4	
0.5...2.5 2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/1	50	1906960000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
STGH ZRV2.5		50	1907000000
STGH 0.ZA ZRV2.5		50	1907010000
FEKO ZRV2.5 0.2-0.35		5000	1854750000
FEKO ZRV2.5 0.5-1		5000	1854760000
FEKO ZRV2.5 1.5-2.5		4200	1848480000
FEKO ET ZRV2.5 0.5-1		500	1893970000
FEKO ET ZRV2.5 1.5-2.5		500	1893990000
STGH 0.R/SW ZRV2.5		25	1898420000
STGH 0.ZA/0.R/SW ZRV2.5		25	1898430000
AP ZRV2.5		10	1906980000
VREL 2 ZRV2.5/4		20	1167890000
VREL 8 ZRV2.5/4		10	1167910000
HTF AFK 2.5		1	9201040000
REMOVAL TOOL AFK		1	1866760000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

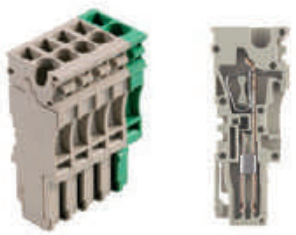
ZP 2.5/1AN — 2.5 mm²

2...17-pole



ZP 2.5/1AN/GN/BE — 2.5 mm²

2 to 17-pole
Connectors each with one green pole



Width/Height/Depth	mm	5.1 x 16.5 x 41	51 x 16 x 41
max. current / max. cond. cross-section	A/mm²	**24 / 4**	**24 / 4**
Max. clamping range	mm²	**0.13...4**	**0.13...4**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Max. voltage of clamp support & pluggable system V	690			
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Max. voltage of clamp support & pluggable system V	690			
Rated current A	24	20	20	
for wire cross-section mm²	2.5	AWG 26...12		
Rated impulse withstand voltage / Pollution severity			6 kV /	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
1-pole	ZP 2.5/1AN/1	50	**1815430000**
2-pole	ZP 2.5/1AN/2	25	**1815440000**
3-pole	ZP 2.5/1AN/3	25	**1815450000**
4-pole	ZP 2.5/1AN/4	25	**1815500000**
5-pole	ZP 2.5/1AN/5	25	**1815510000**
6-pole	ZP 2.5/1AN/6	25	**1815520000**
7-pole	ZP 2.5/1AN/7	25	**1815530000**
8-pole	ZP 2.5/1AN/8	20	**1815540000**
9-pole	ZP 2.5/1AN/9	20	**1815550000**
10-pole	ZP 2.5/1AN/10	20	**1815560000**
11-pole	ZP 2.5/1AN/11	20	**1815570000**
12-pole	ZP 2.5/1AN/12	20	**1815580000**
13-pole	ZP 2.5/1AN/13	10	**1815590000**
14-pole	ZP 2.5/1AN/14	10	**1815600000**
15-pole	ZP 2.5/1AN/15	10	**1815610000**
16-pole	ZP 2.5/1AN/16	10	**1815620000**
17-pole	ZP 2.5/1AN/17	10	**1815180000**
1-pole (green)	ZP 2.5/1AN/1 GN	50	**1820580000**

Note

Type	Qty.	Order No.
ZP 2.5/1AN/2 GN/BE	25	**1867090000**
ZP 2.5/1AN/3 GN/BE	25	**1867100000**
ZP 2.5/1AN/4 GN/BE	25	**1867110000**
ZP 2.5/1AN/5 GN/BE	25	**1867120000**
ZP 2.5/1AN/6 GN/BE	25	**1867130000**
ZP 2.5/1AN/7 GN/BE	25	**1867140000**
ZP 2.5/1AN/8 GN/BE	20	**1867150000**
ZP 2.5/1AN/9 GN/BE	20	**1867160000**
ZP 2.5/1AN/10 GN/BE	20	**1867170000**
ZP 2.5/1AN/11 GN/BE	20	**1867180000**
ZP 2.5/1AN/12 GN/BE	20	**1867190000**
ZP 2.5/1AN/13 GN/BE	10	**1867200000**
ZP 2.5/1AN/14 GN/BE	10	**1867210000**
ZP 2.5/1AN/15 GN/BE	10	**1867220000**
ZP 2.5/1AN/17 GN/BE	10	**1867240000**

Accessories

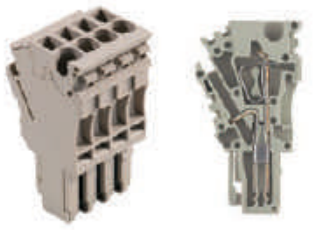
Plug-in cross-connection	Type		Qty.	Order No.
2-pole				
10-pole				
Test adapter				
Standard	ZTA ZT2.5	17.5 A	25	**1827080000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Protective strip				
DIN A4 sheets				
Paper				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 10/5 MC NE WS		720	**1635000000**
	DEK 5/5 MM WS		800	**2007110000**

For detailed information on other accessories and application in the online catalogue

Type		Qty.	Order No.
ZTA ZT2.5	17.5 A	25	**1827080000**
SDIS SLIM 0.6X3.5X100		1	**2749610000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/5 MC NE WS		720	**1635000000**
DEK 5/5 MM WS		800	**2007110000**

ZP 2.5/1AN/QV — 2.5 mm²

1...17-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV /		
	A2 / V-0		

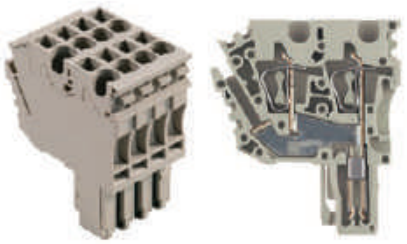
Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
ZP 2.5/1AN/QV/11	20	1815290000
ZP 2.5/1AN/QV/12	20	1815300000
ZP 2.5/1AN/QV/13	10	1815310000
ZP 2.5/1AN/QV/14	10	1815320000
ZP 2.5/1AN/QV/15	10	1815330000
ZP 2.5/1AN/QV/16	10	1815340000
ZP 2.5/1AN/QV/17	10	1815350000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZTA ZT2.5	17.5 A	25	1827080000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

ZP 2.5/2AN/QV — 2.5 mm²

1...16-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZP 2.5/2AN/QV/1	50	1815730000
ZP 2.5/2AN/QV/2	20	1815740000
ZP 2.5/2AN/QV/3	20	1815750000
ZP 2.5/2AN/QV/4	20	1815760000
ZP 2.5/2AN/QV/5	20	1815770000
ZP 2.5/2AN/QV/6	20	1815780000
ZP 2.5/2AN/QV/7	20	1815790000
ZP 2.5/2AN/QV/8	10	1815800000
ZP 2.5/2AN/QV/9	10	1815810000
ZP 2.5/2AN/QV/10	10	1815820000
ZP 2.5/2AN/QV/11	10	1815830000
ZP 2.5/2AN/QV/12	10	1815840000
ZP 2.5/2AN/QV/15	5	1815870000
ZP 2.5/2AN/QV/16	5	1815880000
ZP 2.5/2AN/QV/1 GN	50	1820590000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZTA ZT2.5	17.5 A	25	1827080000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

ZPS 2.5/1AN/QV — 2.5 mm²

2 to 16-pole
Connectors each with one green pole

7.6 x 22.55 x 42
24 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	24	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

Rated connection	Plug-in connection
0.13...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	1865880000
ZPS 2.5/1AN/QV/2	20	1865900000
ZPS 2.5/1AN/QV/3	20	1865910000
ZPS 2.5/1AN/QV/4	20	1865920000
ZPS 2.5/1AN/QV/5	20	1865930000
ZPS 2.5/1AN/QV/6	25	1865940000
ZPS 2.5/1AN/QV/7	20	1865950000
ZPS 2.5/1AN/QV/8	10	1865960000
ZPS 2.5/1AN/QV/9	10	1865970000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/12	10	1866000000
ZPS 2.5/1AN/QV/14	10	1866020000
ZPS 2.5/1AN/QV/15	10	1866030000
ZPS 2.5/1AN/QV/16	10	1866040000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZTA ZT2.5	17.5 A	25	1827080000
SDIS SLIM 0.6X3.5X100		1	2749610000
STR 7 F.SCHT 7		20	0515300000
ESO 7 DIN A4 WS		10	1607720000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
ZGB 30		20	1611930000

ZP 4/1AN — 4 mm²

1...16-pole

Width/Height/Depth	mm	6.5 x 22.5 x 47.5
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.13...6**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800	600	600	
Max. voltage of clamp support & pluggable system (-)				
Rated current (A)	32	28	28	
for wire cross-section (mm²)	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE, cULus, EAC			

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded (mm²)	0.5...6	
Flexible / Flexible with ferrule (mm²)	0.5...6 / 0.5...4	
Stripping length / Blade size (mm/-)	12 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
1-pole	ZP 4/1AN/1	50	**1848340000**
2-pole	ZP 4/1AN/2	25	**1854990000**
3-pole	ZP 4/1AN/3	25	**1855000000**
4-pole	ZP 4/1AN/4	25	**1855010000**
5-pole	ZP 4/1AN/5	20	**1855020000**
6-pole	ZP 4/1AN/6	20	**1855030000**
7-pole	ZP 4/1AN/7	20	**1855040000**
8-pole	ZP 4/1AN/8	20	**1855050000**
9-pole	ZP 4/1AN/9	10	**1855060000**
10-pole	ZP 4/1AN/10	10	**1855070000**
11-pole	ZP 4/1AN/11	20	**1855080000**
12-pole	ZP 4/1AN/12	10	**1855090000**
13-pole	ZP 4/1AN/13	10	**1855100000**
14-pole	ZP 4/1AN/14	10	**1855110000**
15-pole			
16-pole			
17-pole			
1-pole (green)	ZP 4/1AN/1 GN	50	**1854980000**

Note

Accessories

Plug-in cross-connection	Type	Qty.	Order No.
2-pole			
10-pole			
Test adapter			
Standard			
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Protective strip			
DIN A4 sheets			
Paper			
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 10/6 MC NE WS	600	**1828450000**

For detailed information on other accessories and application in the online catalogue

Single plates for individual assembly

The WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

WeiCoS plug

- Marking option

Ordering data	
2.5 mm²	Dark beige
	Blue
	green
4.0 mm²	Dark beige
	Blue
	green
Note	

ZP 2.5/1AN ZA

End plate

Type	Qty.	Order No.
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN ZA GN	50	1875200000
ZP 4/1AN ZA	50	1051940000
ZP 4/1AN ZA BL	50	1356790000
ZP 4/1AN ZA GN	50	1051950000

ZP 2.5/1AN ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 4/1AN ZA O.RA	50	1051910000
ZP 4/1AN ZA O.RA BL	50	2449680000
ZP 4/1AN ZA O.RA GN	50	1051920000

ZP 2.5/1AN

Start plate

Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN/1 BL	50	1009060000
ZP 2.5/1AN GN	50	1875180000
ZP 4/1AN	50	1051970000
ZP 4/1AN GN	50	1051980000

WeiCoS plug

- Marking option
- Cross-connection option

Ordering data	
2.5 mm²	Dark beige
	green
Note	

ZP 2.5/1AN/QV ZA

End plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV ZA GN	50	1007950000

ZP 2.5/1AN/QV ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZAO.RA BL	50	1007970000
ZP 2.5/1AN/QV ZAO.RA GN	50	1007980000

ZP 2.5/1AN/QV

Start plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV GN	50	1007920000

WeiCoS plug

- Marking option
- Cross-connection option
- 2 cable connection options

Ordering data	
2.5 mm²	Dark beige
	green
Note	

ZP 2.5/2AN/QV

End plate

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV GN	50	1007830000

ZP 2.5/2AN/QV ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZAO.RA BL	50	1007880000

WeiCoS coupling

- Marking option
- Cross-connection option

Ordering data
2.5 mm²
Note

ZPS 2.5/1AN/QV/1

Individual plate

Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	**1861040000**
ZPS 2.5/1AN/QV/1 GN	50	**1861050000**

GHDE ZPS2.5/1AN

Cover

Type	Qty.	Order No.
GHDE ZPS2.5/1AN	50	**1866070000**

Application

Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm²
4.0 mm²
Note

KOSF ZT

Coding element

Type	Qty.	Order No.
KOSF ZT2.5	50	**1816150000**
KOSF ZT4	50	**1856860000**

Application

Interlock

- ZVR ZP to interlock with the terminal block
- ZVR ZPS interlock, plug – socket

Ordering data
2.5 mm²
4.0 mm²
Note

ZVR ZP 2.5

Locking element

Type	Qty.	Order No.
ZVR ZP2.5	25	**1816130000**
ZVR ZP4	25	**1855250000**

ZVR ZPS 2.5

Interlock

Type	Qty.	Order No.
ZVR ZPS2.5	20	**1878620000**

Application ZVR ZP

Strain reliefs / Protective cover

- ZVR ZP a strain relief transmits mechanical forces to the plastic housing and protects the contact point
- ZAD ZT / ZPS Finger protection Protection of the contact point from dirt

Ordering data
2.5 mm²
4.0 mm²
Note

ZZE ZP

Cable grip

Type	Qty.	Order No.
ZZE ZP2.5	25	**1816140000**
ZZE ZP2.5/4	25	**1866220000**
ZZE ZP2.5/8	25	**1866230000**
ZZE ZP4	25	**1855260000**

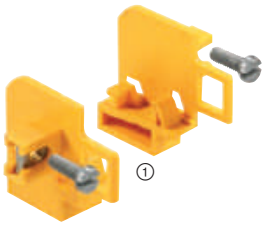
ZAD ZT / ZPS

Protective cover

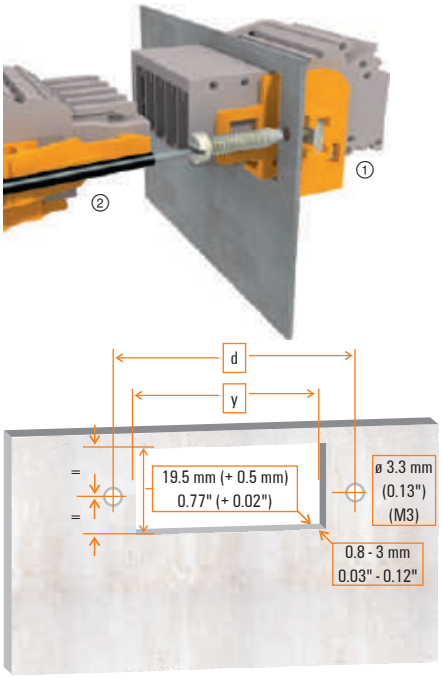
Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	**1861030000**

Application ZZE ZP

Screwed through-wall fixing



Type	Side	Qty.	Order No.
① ZVLA DF ZPS2.5	Plate	20	**1878600000**
② ZVR ZPS2.5	Plug	20	**1878620000**



y = n x 5.1 mm + 5.5 mm
d = n x 5.1 mm + 13.5 mm

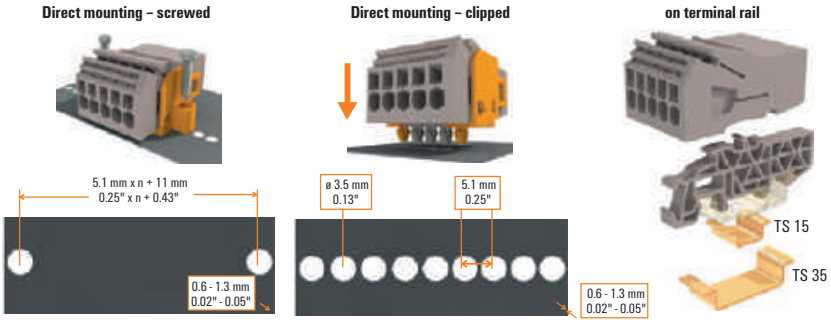
y = n x 0.25" + 0.216"
d = n x 0.25" + 0.53"

Pluggable terminal blocks

Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

n-pol.	y		d	
	mm	inch(")	mm	inch(")
2-pol.	15.7	0.62	23.7	0.93
3-pol.	20.8	0.82	28.8	1.13
4-pol.	25.9	1.02	33.9	1.33
5-pol.	31.0	1.22	38.9	1.53
6-pol.	36.1	1.42	44.1	1.74
7-pol.	41.2	1.62	49.2	1.94
8-pol.	46.3	1.82	54.3	2.14
9-pol.	51.4	2.02	59.4	2.34
10-pol.	56.5	2.22	64.5	2.55
11-pol.	61.6	2.43	69.6	2.74
12-pol.	66.7	2.63	74.7	2.94
13-pol.	71.8	2.83	79.8	3.14
14-pol.	76.9	3.03	84.9	3.34
15-pol.	82.0	3.23	90.0	3.54
16-pol.	87.1	3.43	95.1	3.74

Set of fixings – coupling



Direct mounting, screwed

ZVLA SC ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVLA SC ZPS2.5	20	1866240000
Note			

Ordering data	Type	Qty.	Order No.
Note			

Direct mounting, plugged

ZVLA RC ZPS 2.5

Ordering data	Type	Qty.	Order No.
	ZVLA RC ZPS2.5	20	1866260000
Note			

BA RC ZPS 2.5

Ordering data	Type	Qty.	Order No.
	BA RC ZPS2.5	25	1908560000
Note			

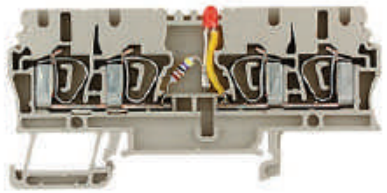
on terminal rail

MOFU 15/35 ZPS 2.5

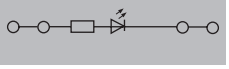
Ordering data	Type	Qty.	Order No.
	MOFU 15/35 ZPS2.5	25	1899170000
Note			

ZDU 2.5/2x2AN/LD+ — 2.5 mm²

LED indicator

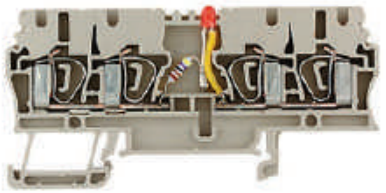


Width/Height/Depth	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.05...4

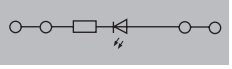


ZDU 2.5/2x2AN/LD- — 2.5 mm²

LED indicator



Width/Height/Depth	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section	/ 4
Max. clamping range	0.05...4



Technical data

Rated data							
Rated voltage of feed-through terminal	V	IEC 60947-7-1				IEC 60947-7-1	
Rated current	A	IEC	UL	CSA	EN 60079-7	IEC	UL
for wire cross-section	mm²	24				24	
Rated impulse withstand voltage / Pollution severity		0.05				0.05	
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5				2.5	
Component 1				6 kV / 3			
Approvals				A3 / V-0			
		CE EAC				CE EAC	
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**	
Solid / Stranded	mm²	0.5...4				0.5...4	
Flexible / Flexible with ferrule	mm²	0.5...4 / 1.5...2.5				0.5...4 / 1.5...2.5	
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm	
Component diode							
Type diode							
Forward current							
Reverse voltage							
Forward voltage							
Component LED							
Colour		red				red	
Voltage, min.		6V				6V	
Voltage, max.		24V				24V	
Current		20mA				20mA	
Component resistor							
Resistance		4.7kOhm				4.7kOhm	
Power loss		0.4W				0.4W	
Tolerance (%)		1%				1%	
Note							

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige						
dark beige (red LED)	ZDU 2.5/2X2AN/LD+	20	**1692590000**	ZDU 2.5/2X2AN/LD-	20	**1692600000**
Note						

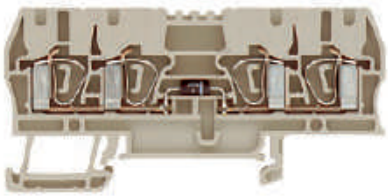
Accessories

End plate / Partition plate	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	ZAP/TW 3	50	**1608800000**	ZAP/TW 3	50	**1608800000**
Reducing sleeves						
for conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0	1000	**1614290000**	ZRH 2.5/2 GR/V0	1000	**1614290000**
for conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS	1000	**1614300000**	ZRH 2.5/1 WS	1000	**1614300000**
End bracket						
dark beige	ZEW 35	20	**9540000000**	ZEW 35	20	**9540000000**
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Marking tags						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 10/5 MC NE WS	720	**1635000000**	WS 10/5 MC NE WS	720	**1635000000**
	DEK 5/5 MM WS	800	**2007110000**	DEK 5/5 MM WS	800	**2007110000**

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/2x2AN/D+ — 2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
0.5 / 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

CE EAC

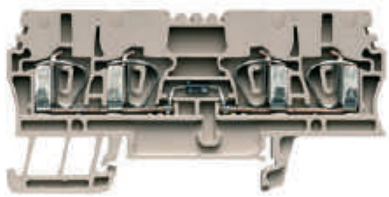
Rated connection
0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D+	20	1650340000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

ZDU 2.5/2x2AN/D- — 2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
0.5 / 4
0.5...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

CE EAC

Rated connection
0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	1650350000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

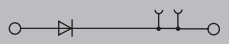
ZDU 2.5-2/D+ — 2.5 mm²

Diode circuit

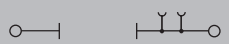
ZDU 2.5-2 O.EL — 2.5 mm²

Diode circuit

Width/Height/Depth	mm	5.1 x 50.5 x 43.5
max. current / max. cond. cross-section	A/mm²	**0.5 / 2.5**
Max. clamping range	mm²	**0.05...2.5**



Width/Height/Depth	mm	5.1 x 50.5 x 43.5
max. current / max. cond. cross-section	A/mm²	**0.5 / 2.5**
Max. clamping range	mm²	**0.05...2.5**



Technical data

Rated data		ZDU 2.5-2/D+	ZDU 2.5-2 O.EL
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	IEC	IEC
for wire cross-section	mm²	400	400
Rated impulse withstand voltage / Pollution severity		0.5	1
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	2.5
Component 1		UL	UL
Approvals		600	
Clamped conductors (H05V/H07V)		1	
Solid / Stranded	mm²	AWG 26...12	
Flexible / Flexible with ferrule	mm²	CSA	CSA
Stripping length / Blade size	mm/-	600	
Component diode		1	
Type diode		AWG 26...12	
Forward current		EN 60079-7	EN 60079-7
Reverse voltage		6 kV / 3	6 kV / 3
Forward voltage		A2 / V-0	A2 / V-0
Component LED		Diode 1N 4007 /	Diode 1N 4007 /
Colour		CE SEV EAC UL	CE EAC
Voltage, min.		**Rated connection**	**Rated connection**
Voltage, max.		0.5...2.5	0.5...2.5
Current		0.5...2.5 / 1.5...1.5	0.5...2.5 / 1.5...1.5
Component resistor		10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Resistance			
Power loss		1N4007	
Tolerance (%)		1A	
		1300V	
Note		0.7V	

Ordering data

Version	ZDU 2.5-2/D+ Type	Qty.	Order No.	ZDU 2.5-2 O.EL Type	Qty.	Order No.
dark beige	ZDU 2.5-2/D+	20	**1779110000**	ZDU 2.5-2 O.EL	20	**1868870000**
dark beige (red LED)						
Orange						
Note						

Accessories

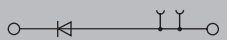
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
4-pole								
End plate / Partition plate								
Blue								
dark beige	ZAP/TW7		50	**1706110000**	ZAP/TW7		50	**1706110000**
End bracket								
dark beige	ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

ZDU 2.5-2/D- — 2.5 mm²

Diode circuit

5.1 x 50.5 x 43.5
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
0.5	1	1	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

Rated connection
0.5...2.5
0.5...2.5 / 1.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW7		50	1706110000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDU 6-2 O.EL — 6 mm²

8.1 x 70 x 51
0.5 / 10
0.5...10

IEC	UL	CSA	EN 60079-7
6			
		/ 3	
		/ V-0	

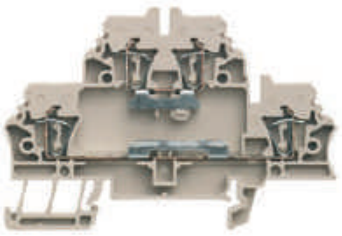
Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...6
/ 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 6-2 O.EL	20	2855270000

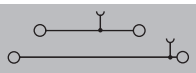
Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2		50	1771440000
ZEW 35		20	9540000000
SDIS SLIM 0.8X4.0X100		1	2749620000
DEK 5/8 MC NE WS		800	1856740000
WS 8/8 MM WS		500	2007170000
DEK 5/8 MM WS		500	2007130000

ZDK 2.5 EM — 2.5 mm²

Double-level terminal



5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
20	15		
2.5	AWG 26...14		
	6 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

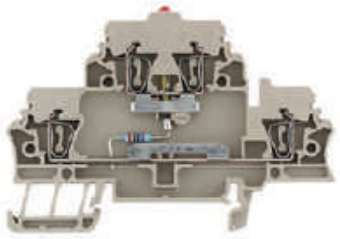
Type	Qty.	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5 BL		20	1748800000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

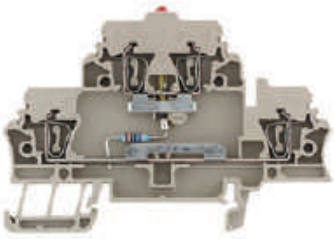
ZDK 2.5/LD RT/1 — 2.5 mm²

LED circuit

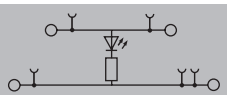


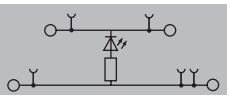
ZDK 2.5/LD RT/2 — 2.5 mm²

LED circuit



		ZDK 2.5/LD RT/1	ZDK 2.5/LD RT/2
Width/Height/Depth	mm	5.1 x 79.1 x 53	5.1 x 79.1 x 53
max. current / max. cond. cross-section	A/mm²	10 / 2.5	10 / 2.5
Max. clamping range	mm²	0.05...2.5	0.05...2.5





Technical data

		ZDK 2.5/LD RT/1	ZDK 2.5/LD RT/2
Rated data			
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	IEC	IEC
for wire cross-section	mm²	24	24
Rated impulse withstand voltage / Pollution severity		10	10
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	2.5
Component 1		UL: AWG 26...14	UL: AWG 26...14
Approvals		CSA: / 3	CSA: / 3
		EN 60079-7: A2 / V-0	EN 60079-7: A2 / V-0
		CE SEV EAC KCC UL	CE SEV EAC KCC UL
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...2.5	0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 1.5...1.5	0.5...2.5 / 1.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Component diode			
Type diode			
Forward current			
Reverse voltage			
Forward voltage			
Component LED			
Colour		red	red
Voltage, min.		6V	6V
Voltage, max.		24V	24V
Current		20mA	20mA
Component resistor			
Resistance		4.7kOhm	4.7kOhm
Power loss		0.4W	0.4W
Tolerance (%)		1%	1%
Note			

Ordering data

Version	ZDK 2.5/LD RT/1 Type	Qty.	Order No.	ZDK 2.5/LD RT/2 Type	Qty.	Order No.
dark beige						
dark beige (red LED)	ZDK 2.5/LD RT/1	50	1690010000	ZDK 2.5/LD RT/2	50	1693940000
Orange						
Note						

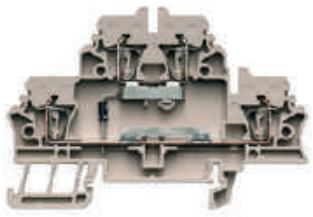
Accessories

	ZDK 2.5/LD RT/1 Type		Qty.	Order No.	ZDK 2.5/LD RT/2 Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5/2	24 A	60	1608860000	ZQV 2.5/2	24 A	60	1608860000
10-pole	ZQV 2.5/10	24 A	20	1608940000	ZQV 2.5/10	24 A	20	1608940000
4-pole								
End plate / Partition plate								
Blue								
dark beige	ZAP/TW ZDK2.5		20	1674730000	ZAP/TW ZDK2.5		20	1674730000
End bracket								
dark beige	ZEW 35		20	9540000000	ZEW 35		20	9540000000
Screwdriver								
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000

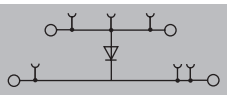
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/D/1 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14		
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

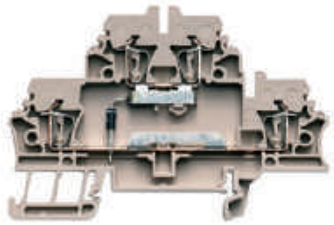
Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/1	50	1690020000

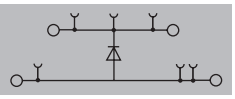
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/2 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14		
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

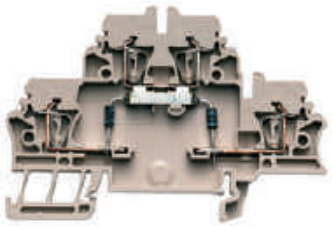
Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/2	50	1690030000

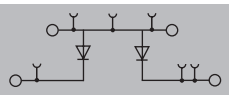
Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 2.5/D/4 — 2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14		
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 / Diode 1N 4007		

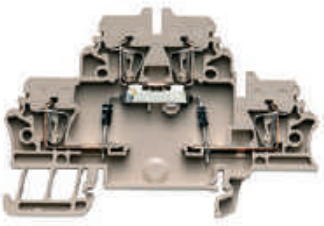
Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/4	50	1690040000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

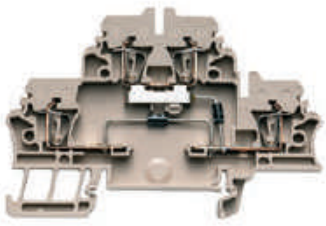
ZDK 2.5/D/5 — 2.5 mm²

Diode circuit

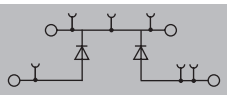


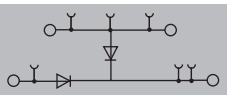
ZDK 2.5/D/6 — 2.5 mm²

Diode circuit



		ZDK 2.5/D/5	ZDK 2.5/D/6
Width/Height/Depth	mm	5.1 x 79.1 x 53	5.1 x 79.1 x 53
max. current / max. cond. cross-section	A/mm²	**0.5 / 2.5**	**0.5 / 2.5**
Max. clamping range	mm²	**0.05...2.5**	**0.05...2.5**





Technical data

		ZDK 2.5/D/5	ZDK 2.5/D/6
Rated data		IEC 60947-7-1	IEC 60947-7-1
		IEC / UL / CSA / EN 60079-7	**IEC / UL / CSA / EN 60079-7**
Rated voltage of feed-through terminal	V	500 / 300	500 / 300
Rated current	A	0.5 / 15	0.5 / 15
for wire cross-section	mm²	2.5 / AWG 26...14	2.5 / AWG 26...14
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Component 1		Diode 1N 4007 / Diode 1N 4007	Diode 1N 4007 / Diode 1N 4007
Approvals		CE SEV EAC KCC UL	CE SEV EAC KCC UL
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...2.5	0.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5	0.5...2.5 / 0.5...1.5
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Component diode			
Type diode		1N4007	1N4007
Forward current		1A	1A
Reverse voltage		1300V	1300V
Forward voltage		0.7V	0.7V
Component LED			
Colour			
Voltage, min.			
Voltage, max.			
Current			
Component resistor			
Resistance			
Power loss			
Tolerance (%)			
Note			

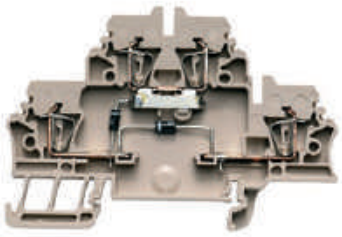
Ordering data

Version	ZDK 2.5/D/5 Type	Qty.	Order No.	ZDK 2.5/D/6 Type	Qty.	Order No.
dark beige	ZDK 2.5/D/5	50	**1690050000**	ZDK 2.5/D/6	50	**1690060000**
dark beige (red LED)						
Orange						
Note						

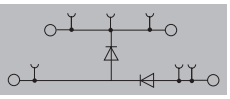
Accessories

		ZDK 2.5/D/5 Type		Qty.	Order No.	ZDK 2.5/D/6 Type		Qty.	Order No.
Plug-in cross-connection									
2-pole		ZQV 2.5/2	24 A	60	**1608860000**	ZQV 2.5/2	24 A	60	**1608860000**
10-pole		ZQV 2.5/10	24 A	20	**1608940000**	ZQV 2.5/10	24 A	20	**1608940000**
4-pole									
End plate / Partition plate									
Blue									
dark beige		ZAP/TW ZDK2.5		20	**1674730000**	ZAP/TW ZDK2.5		20	**1674730000**
End bracket									
dark beige		ZEW 35		20	**9540000000**	ZEW 35		20	**9540000000**
Screwdriver									
Standard		SDIS SLIM 0.6X3.5X100		1	**2749610000**	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Marking tags									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**
		WS 8/5 MM WS		800	**2007150000**	WS 8/5 MM WS		800	**2007150000**
For detailed information on other accessories and application in the online catalogue									

ZDK 2.5/D/9 — 2.5 mm²



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
	/ 3		
	/ V-0		
	Diode /		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
1N4007
1A
1300V
0.7V

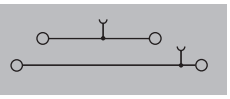
Type	Qty.	Order No.
ZDK 2.5/D/9	50	2738140000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/10	24 A	20	1608940000
ZAP/TW ZDK2.5		20	1674730000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

ZDK 4-2 EL — 4 mm²

Double-level terminal

6.1 x 77.6 x 60
32 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
		8 kV / 3	
		A3 / V-0	

Rated connection
0.5...6
0.5...4
10 / 0.6 x 3.5 mm

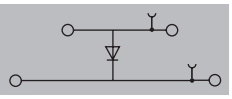
Type	Qty.	Order No.
ZDK 4-2 EL	50	8709760000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW ZDK4-2		50	8670760000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

ZDK 4-2/D forward — 4 mm²

Diode circuit

6.1 x 77.6 x 60
0.5 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
0.5	1	1	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

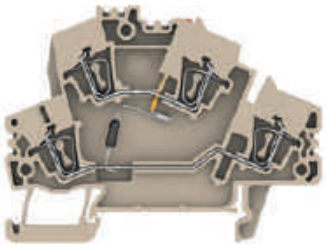
Rated connection
0.5...6 / 1.5...4
0.5...4
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

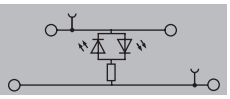
Type	Qty.	Order No.
ZDK 4-2/D FORWARD	50	8670520000

Type		Qty.	Order No.
ZQV 4/2 GE	32 A	60	1608950000
ZQV 4/10 GE	32 A	20	1609030000
ZAP/TW ZDK4-2		50	8670760000
ZEW 35		20	9540000000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000

ZDK 2.5-2/LD 24 V UC — 2.5 mm²

Diode circuit





Width/Height/Depth	mm	5.1 x 72.5 x 53
max. current / max. cond. cross-section	mA/mm²	**20 / 2.5**
Max. clamping range	mm²	**0.05...2.5**

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	24			
Rated current A	10			
for wire cross-section mm²	2.5			
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Component 1			LED red / Resistance 4.7 kΩ	
Approvals	CE EAC			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm			
Component diode				
Type diode				
Forward current				
Reverse voltage				
Forward voltage				
Component LED				
Colour	red			
Voltage, min.	6V			
Voltage, max.	24V			
Current	20mA			
Component resistor				
Resistance	4.7kOhm			
Power loss	0.4W			
Tolerance (%)	1%			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZDK 2.5-2/LD 24VUC	50	**1905310000**
dark beige (red LED)			
Orange			

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	**1608860000**
10-pole	ZQV 2.5/10	24 A	20	**1608940000**
4-pole				
End plate / Partition plate				
Blue				
dark beige				
End bracket				
dark beige	ZEW 35		20	**9540000000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

Pluggable Cross-Connection ZQV

The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and
- **ZQV 2.5N** as 2- to 10-pole combs and
- **ZQV 4** as 2- to 10-pole combs and
- **ZQV 6** as 2- to 4-pole combs and
- **ZQV 10**, **ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10**, **ZQV 35-16** and **ZQV 16-10** used as a reducer cross-connector distributes current from terminals with larger cross-connections to terminals with smaller cross-section.

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

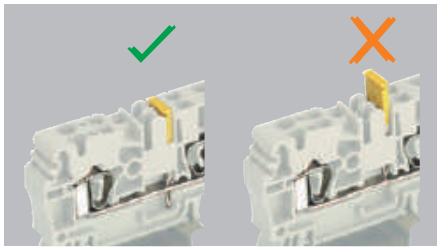
Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

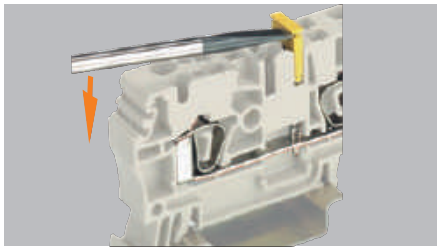
Fitting and changing crossconnections

The fitting and changing of cross-connections is a trouble-free and fast operation:
– Insert the cross-connection into the cross-connection channel in the terminal...

... and press it fully home. (The cross-connection may not project from the channel.)

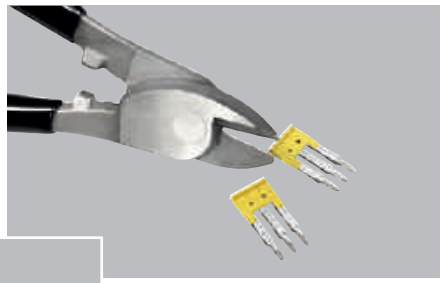


– Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

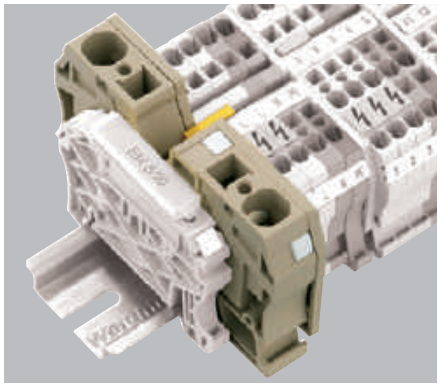
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



Caution:
Contact elements must not be deformed!

Note:
In the use of manually cut ZQV cross-connections and cross-connections with bare cut edges (>10 poles), the voltage reduces to 25 V.

ZEI 16 supply terminal



Integrated partition plate

Output possible on left and right

The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm². Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

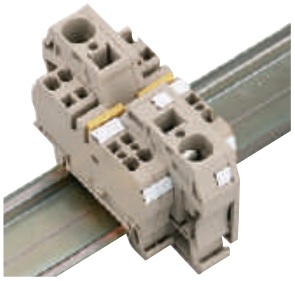
The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Output options and corresponding cross-connections

Feed terminal	Output terminal	Cross-connection	Supply left	Supply right
ZEI 16	ZDU 2.5	ZQV 2.5	•	•
	ZDU 2.5 3AN	ZQV 2.5	•	•
	ZDU 2.5 4AN	ZQV 2.5	•	•
	ZDU 2.5 N	ZQV 2.5	•	•
	ZDU 2.5 N/3AN	ZQV 2.5	•	•
	ZDU 2.5N /4AN	ZQV 2.5	•	•
	ZDU 4	ZQV 4	•	•
	ZDU 4 3AN	ZQV 4	•	• 1)
	ZDU 4 4AN	ZQV 4	•	• 1)
	ZDU 6	ZQV 6	•	•
	ZDU 6 3AN	ZQV 6	•	•
	ZTR 2.5	ZQV 2.5	• 2)	• 2)
	ZTR 2.5 3AN	ZQV 2.5	• 2)	• 2)
	ZTR 2.5 4AN	ZQV 2.5	•	•
Feed terminal	**Output terminal**	**Cross-connection**	**Supply left**	**Supply right**
ZEI 6	ZDU 1.5	ZQV 1.5	•	•
	ZDU 1.5 3AN	ZQV 1.5	•	•
	ZDU 1.5 4AN	ZQV 1.5	•	•

1) mit IEPL 2) mit QVAR 3) second pole must be broke out

Imax =
Σ In (left)



Imax =
Σ In (left) + Σ In (right)

Imax =
Σ In (right)

Maximum current flow I_{max} only with ZEI 16

Feed terminal	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm²	48 A	76 A
		25 mm²	48 A	89 A
ZDU 2.5/4AN	ZQV 2.5	16 mm²	48 A	76 A
		25 mm²	48 A	89 A
ZDU 4	ZQV 4	16 mm²	64 A	76 A
		25 mm²	66 A	100 A
ZDU 6	ZQV 6	16 mm²	76 A	76 A
		25 mm²	82 A	100 A

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it "short-circuit proof".

Supply on the left

Supply on the right

Supply options and corresponding cross-connections

on the left

Supply terminals			2.5 mm²									4 mm²			6 mm²	
Output terminals on the right			ZDU	ZDU 3AN	ZDU 4AN	ZDU N	ZDU N/3AN	ZDU N/4AN	ZTR	ZTR 3AN	ZTR 4AN	ZDU	ZDU 3AN	ZDU 4AN	ZDU	ZDU 3AN
1.5 mm²	ZDU	ZQV 1.5	• 1)		• 1)						• 1)					
	ZDU 3AN		•		• 1)						• 1)	•				
	ZDU 4AN		•		• 1)							•				
2.5 mm²	ZDU	ZQV 2.5										•	• 1)	• 1)	• 3)	• 1)
	ZDU 3AN											• 2)	• 2)	• 2)	• 2)	
	ZDU 4AN											•	• 1)	• 1)	•	• 1)
	ZDU N											•	• 1)	• 1)	•	• 1)
	ZDU N/3AN											• 2)	• 2)	• 2)	• 2)	
	ZDU N/4AN											•	• 1)	• 1)	•	• 1)
	ZTR											• 2)	• 2)	• 2)	• 2)	
	ZTR 3AN											• 2)	• 2)	• 2)	• 2)	
	ZTR 4AN											•	•	• 1)	•	• 1)
4 mm²	ZDU	ZQV 4													•	
	ZDU 3AN														•	
	ZDU 4AN														•	

on the right

Supply terminals			2.5 mm²									4 mm²			6 mm²	
Output terminals on the left			ZDU	ZDU 3AN	ZDU 4AN	ZDU N	ZDU N/3AN	ZDU N/4AN	ZTR	ZTR 3AN	ZTR 4AN	ZDU	ZDU 3AN	ZDU 4AN	ZDU	ZDU 3AN
1.5 mm²	ZDU	ZQV 1.5	•	• 2)					• 2)	• 2)					•	•
	ZDU 3AN		•	• 2)					• 2)	• 2)					•	•
	ZDU 4AN		• 1)	• 2)					• 2)	• 2)					• 1)	•
2.5 mm²	ZDU	ZQV 2.5										•	•	•	• 3)	•
	ZDU 3AN											• 2)	• 2)	• 2)	• 2)	• 2)
	ZDU 4AN											• 1)	• 1)	• 1)	• 1)	• 1)
	ZDU N											•	•	•	•	•
	ZDU N/3AN											• 2)	• 2)	• 2)	• 2)	• 2)
	ZDU N/4AN											• 1)	• 1)	• 1)	• 1)	• 1)
	ZTR											• 2)	• 2)	• 2)	• 2)	• 2)
	ZTR 3AN											• 2)	• 2)	• 2)	• 2)	• 2)
	ZTR 4AN											• 1)	• 1)	• 1)	• 1)	•
4 mm²	ZDU	ZQV 4													•	•
	ZDU 3AN															•
	ZDU 4AN															

1) with IEPL
2) with QVAR
3) Maximum current value at the smallest cross-section:
- ZDU 6 with ZQV 2.5/3 on ZDU 2.5 : 55A
- ZDU 6 with ZQV 2.5/4 on ZDU 2.5 : 57 A

Possible combinations

In one cross-connection channel

single

adjacent

bridging

In two cross-connection channel

parallel bridging

parallel lengthening

chain bridge

Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type Standard terminals	Crosssection mm²	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
ZDU 1.5 ..	1.5	ZQV 1.5	•	•	•	•	•	•
ZDK 1.5	1.5	ZQV 1.5	•	•	•			
ZDK 1.5 V	1.5	ZQV 1.5	•	•	•	not bridgeable on top		
ZDK 1.5 DU-PE	1.5	ZQV 1.5	•	•	•	not bridgeable at bottom		
ZRV 1.5 ...	1.5	ZQV 1.5	•	•	•			
ZDU 2.5	2.5	ZQV 2.5	•	•	•	•	•	•
ZDU 2.5 / 3 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5 / 4 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5N ...	2.5	ZQV 2.5	•	•	•	•	•	•
ZDUA 2.5-2 ...	2.5	ZQV 2.5N	•	•	•			
ZDK 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZDK 2.5 ... PE	2.5	ZQV 2.5	•	•	•	not bridgeable at bottom		
ZDK 2.5-2 ...	2.5	ZQV 2.5	•	•	•			
ZDKPE 2.5-2/ ...	2.5	ZQV 2.5	•	•	•			
ZDLD 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZVLD 2.5	2.5	ZQV 2.5	•	•	•			
ZTR 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZTR 2.5-2	2.5	ZQV 2.5	•	•	•	•	•	•
ZTTR 2.5	2.5	ZQV 2.5N	•	•	•	•	•	•
ZDTR 2.5	2.5	ZQV 2.5N	•	•	•			
ZSI 2.5	2.5	ZQV 6	•	•	•			
ZSI 2.5 2x2AN	2.5	ZQV 4	•	•	•			
ZSI 2.5/2	2.5	ZQV 2.5	•	•	•			
ZT 2.5 ...	2.5	ZQV 2.5N	•	•	•	•	•	•
ZT 2.5/4AN/4	2.5	ZQV 2.5N	•	•	•			
ZP 2.5 ... QV	2.5	ZQV 2.5N	•	•	•			
ZRV 2.5 ...	2.5	ZQV 2.5/...	•	•	•			
ZDU 4 ...	4		•	•	•			
ZDK 4-2 ...	4		•	•	•			
ZDK 4-2 V	4		•	•	•	not bridgeable on top		
ZDK 4-2 ... PE	4		•	•	•	not bridgeable at bottom		
ZT 4 ...	4		•	•	•	•	•	•
ZDU 6	6		•	•	•			
ZDU 6-2 ...	6		•	•	•			
ZSI 6-2 ...	6		•	•	•			
ZTR 6-2	6		•	•	•			
ZDU 10 ...	10		•			•		
ZPE 10 ...	10		•			•		
ZDU 16	16		•			•		
ZPE 16	16		•			•		
ZDU 35	35		•			•		
ZPE 35	35		•			•		

Cross-connections according to dimensions

ZQV 1.5

Technical data	
Rated current	17.5 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 1.5/2	60	1776120000
3-pole	ZQV 1.5/3	60	1776130000
4-pole	ZQV 1.5/4	60	1776140000
5-pole	ZQV 1.5/5	20	1776150000
6-pole			
7-pole			
8-pole			
9-pole			
10-pole	ZQV 1.5/10	20	1776200000
20-pole			
24-pole			

Note

ZQV 2.5

Technical data	
Rated current	24 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 2.5/2	60	1608860000
3-pole	ZQV 2.5/3	60	1608870000
4-pole	ZQV 2.5/4	60	1608880000
5-pole	ZQV 2.5/5	20	1608890000
6-pole	ZQV 2.5/6	20	1608900000
7-pole	ZQV 2.5/7	20	1608910000
8-pole	ZQV 2.5/8	20	1608920000
9-pole	ZQV 2.5/9	20	1608930000
10-pole	ZQV 2.5/10	20	1608940000
20-pole	ZQV 2.5/20	20	1908960000
24-pole			

Note

ZQV 4

Technical data	
Rated current	32 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 4/2 GE	60	1608950000
3-pole	ZQV 4/3 GE	60	1608960000
4-pole	ZQV 4/4 GE	60	1608970000
5-pole	ZQV 4/5 GE	20	1608980000
6-pole	ZQV 4/6 GE	20	1608990000
7-pole	ZQV 4/7 GE	20	1609000000
8-pole	ZQV 4/8 GE	20	1609010000
9-pole	ZQV 4/9 GE	20	1609020000
10-pole	ZQV 4/10 GE	20	1609030000
20-pole	ZQV 4/20 GE	20	1909010000
24-pole			

Note

Cross-connections according to dimensions

ZQV 35-10

Reducing cross-connection

Technical data	
Rated current	125 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQV 35-10	10	7920100000
3-pole			
4-pole			
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
20-pole			
24-pole			

Note

ZQB 2.5

Technical data	
Rated current	24 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQB 2.5-2	50	1677120000
3-pole			
4-pole			
5-pole			
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
20-pole			
24-pole			

ZQS 2.5

Technical data	
Rated current	24 A

Ordering data	Type	Qty.	Order No.
1-pole			
2-pole	ZQS 2.5/2	20	1633200000
3-pole	ZQS 2.5/3	20	1633210000
4-pole	ZQS 2.5/4	20	1633220000
5-pole	ZQS 2.5/5	20	1633230000
6-pole			
7-pole			
8-pole			
9-pole			
10-pole			
20-pole			
24-pole			

Note

ZQV 6

41 A

Type	Qty.	Order No.
ZQV 6/2 GE	60	**1627850000**
ZQV 6/3 GE	60	**1627860000**
ZQV 6/4 GE	60	**1627870000**
ZQV 6/24 GE	10	**1908990000**

ZQV 10/2

57 A

Type	Qty.	Order No.
ZQV 10/2	25	**1739680000**

ZQV 16/2

76 A

Type	Qty.	Order No.
ZQV 16/2	25	**1739690000**

ZQV 35/2

125 A

Type	Qty.	Order No.
ZQV 35/2	10	**1739700000**

ZVQ 2.5/1.5

24 A

Type	Qty.	Order No.
ZVQ 2.5/1.5	50	**1720700000**

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

		ZTA 1	ZTA 2	ZTA 3
		For terminal width 5.1 mm	For terminal width 6.1 mm	For terminal width 8.1 mm
Dimensions				
Width / Length / Height	mm	5.1 / / 31.5	6.1 / / 31.5	8.1 / / 31.5
Stripping length	mm	6	6	6
Rated data				
Rated voltage	V	9	9	9
Rated current	A	1.5	1.5	1.5
for wire cross-section	mm²			
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	0.5…1.5	0.5…1.5	0.5…1.5
Flexible / Flexible with ferrule	mm²	0.5…1.5	0.5…1.5	0.5…1.5
Ordering data				
	1-pole			
	with snap-in pegs			
Note				

Type	Qty.	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000

Type	Qty.	Order No.
ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000

Type	Qty.	Order No.
ZTA 3 ZDU6	25	1654050000

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

		ZTA 6	ZTA 7	ZTA ZT2.5
		For terminal width 6.1 mm	For terminal width 8.1 mm	For terminal width 5.1 mm
Dimensions				
Width / Length / Height	mm	6.1 / / 31.5	8.1 / / 31.5	5.1 / / 20
Stripping length	mm	6	6	10
Rated data				
Rated voltage	V	17.5	9	17.5
Rated current	A	1.5	1.5	1
for wire cross-section	mm²			
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	0.5…1.5	0.5…1.5	0.5…1
Flexible / Flexible with ferrule	mm²	0.75…1.5	0.5…1.5	0.5…1
Ordering data				
	1-pole			
	with snap-in pegs			
Note				

Type	Qty.	Order No.
ZTA 6/ZA	25	1780660000

Type	Qty.	Order No.
ZTA 7/ZA	25	1780670000

Type	Qty.	Order No.
ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000

ZTA 4

For terminal width 5.1 mm

5.1 / / 31	
10	
11	
1.5	
0.5…1.5	
0.5…1.5	

Type	Qty.	Order No.
ZTA 4	25	**1688110000**

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data	
Rated current	20 mA
Ordering data	
	Test plug
Note	

PS

Plug diameter 2.0 mm

Type	Qty.	Order No.
PS 2.0 OR	20	**0293800000**

PS 2.3 RT

Plug diameter 2.3 mm

Type	Qty.	Order No.
PS 2.3 RT	20	**0180400000**

PS ZQV test probes

PS ZQV

- Safe and hand-free measuring of terminals
- Insert into the ZQV contact
- Very flexible silicone safety-measurement cables connect to any measurement instrument.

Technical data

	Test probes
Rated voltage	1000
Max. voltage of clamp support & pluggable system	1000 V
Weight	
Note	For Feed-through terminals with a pitch of 3.5 mm to 8 mm.

Ordering data

Version	Type	Qty.	Order No.
	PS_ZQV_SET	1	1116710000
	PS_ZQV	1	1121740000
Note	1x measuring probe red, 1x measuring probe black.		

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the center of the clamping point without the strands fraying.

Technical data
Product type
Ordering data
0,13...0,2 mm², white
0,25...0,5 mm², grey
0,75...1,0 mm², dark grey
Note

ZRH 1.5 S

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5S/1	500	**1781950000**

ZRH 1.5 H

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5H/1	1000	**1678810000**
ZRH 1.5H/2	1000	**1678800000**

ZRH 1.5N

Reducing sleeve

Type	Qty.	Order No.
ZRH 1.5N/1	1000	**1632140000**
ZRH 1.5N/2	1000	**1632130000**

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the center of the clamping point without the strands fraying.

Technical data
Product type
Ordering data
0,13...0,2 mm², white
0,25...0,5 mm², grey
0,75...1,0 mm², dark grey
Note

ZRH 2.5

Reducing sleeve

Type	Qty.	Order No.
ZRH 2.5/1 WS	1000	**1614300000**
ZRH 2.5/2 GR/VO	1000	**1614290000**
ZRH 2.5/3	1000	**1614280000**

ZRH 4

Reducing sleeve

Type	Qty.	Order No.
ZRH 4/1 WS	1000	**1636640000**

Label

TheBZTmarking tags enable you to label the middle of the marking channel with theWS 10/5tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data
Product type
Ordering data
one-sided, without peg
one-sided, with peg
two-sided, without peg
Note

BZT 1/BZT 2

Tag carriers

Marker holder

Type	Qty.	Order No.
BZT 1 WS 10/5	100	**1805490000**
BZT 1 ZA WS 10/5	100	**1805520000**
BZT 2 WS 10/5	100	**1805480000**

SIHA fuse holder

For 5 x 20 G-fuse cartridges
The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.
Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement

1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.

3. Position new fuse.

4. Press fuse holder together again with fingers or screwdrive.

- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20

SIHA 3

without LED		Qty.	Order No.
SIHA3/G20	400 V	1	**7921560000**
with LED (red)			
SIHA3/G20	10 - 36 V	1	**7921570000**
	35 - 70 V	1	**7921580000**
	60 - 150 V	1	**7921590000**
	140 - 250 V	1	**7921600000**
For test-disconnect terminals versions			
ZTR 2.5/4 AN			
ZTR 2.5...			
ZTR 2.5-2			

SIHA STRAP

with strap	Qty.	Order No.
SIHA STRAP	20	**9537680000**

Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either on the left or on the right

Component isolating plugs

Fuse carrier ZST 1

The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

ZST 1

Ordering data	Type	Qty.	Order No.
	ZST 1	25	1269070000
Note			

Accessories holder ZST

The ZST group carrier is used for temporary "parking" of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

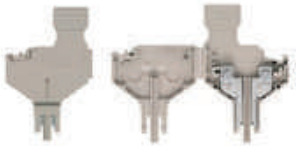
ZST

Ordering data	Type	Qty.	Order No.
	ZST	10	1678680000
Note			

Component plug (up to 250 V)

- Supports reversal

BEST



Ordering data	Type	Qty.	Order No.
without	BEST	50	1833100000
with wire jumper	BEST/DRBR	50	1878570000
with 1N4007 diode	BEST/D	50	1878560000
Note			

Disconnect plug

TNST

Ordering data	Type	Qty.	Order No.
yellow	TNST	50	1833090000
Note			

Reliability connects

Klippon® Connect sets standards with clamping yoke technology

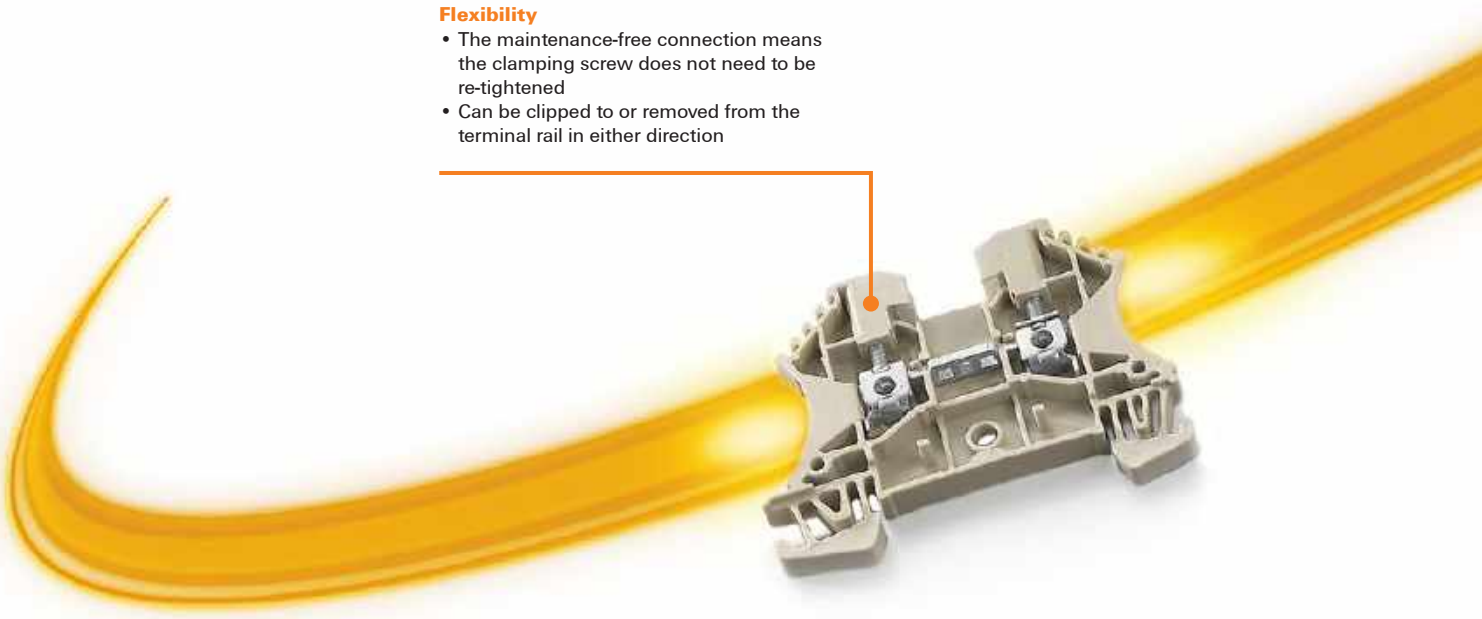
Whatever your requirements for the panel: our screw connection system with patented clamping yoke technology ensures the ultimate in contact safety. You can use both screw-in and plug-in cross-connections for potential distribution. Two conductors of the same diameter can also be connected in a single terminal point in accordance with UL1059. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

Our promise

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

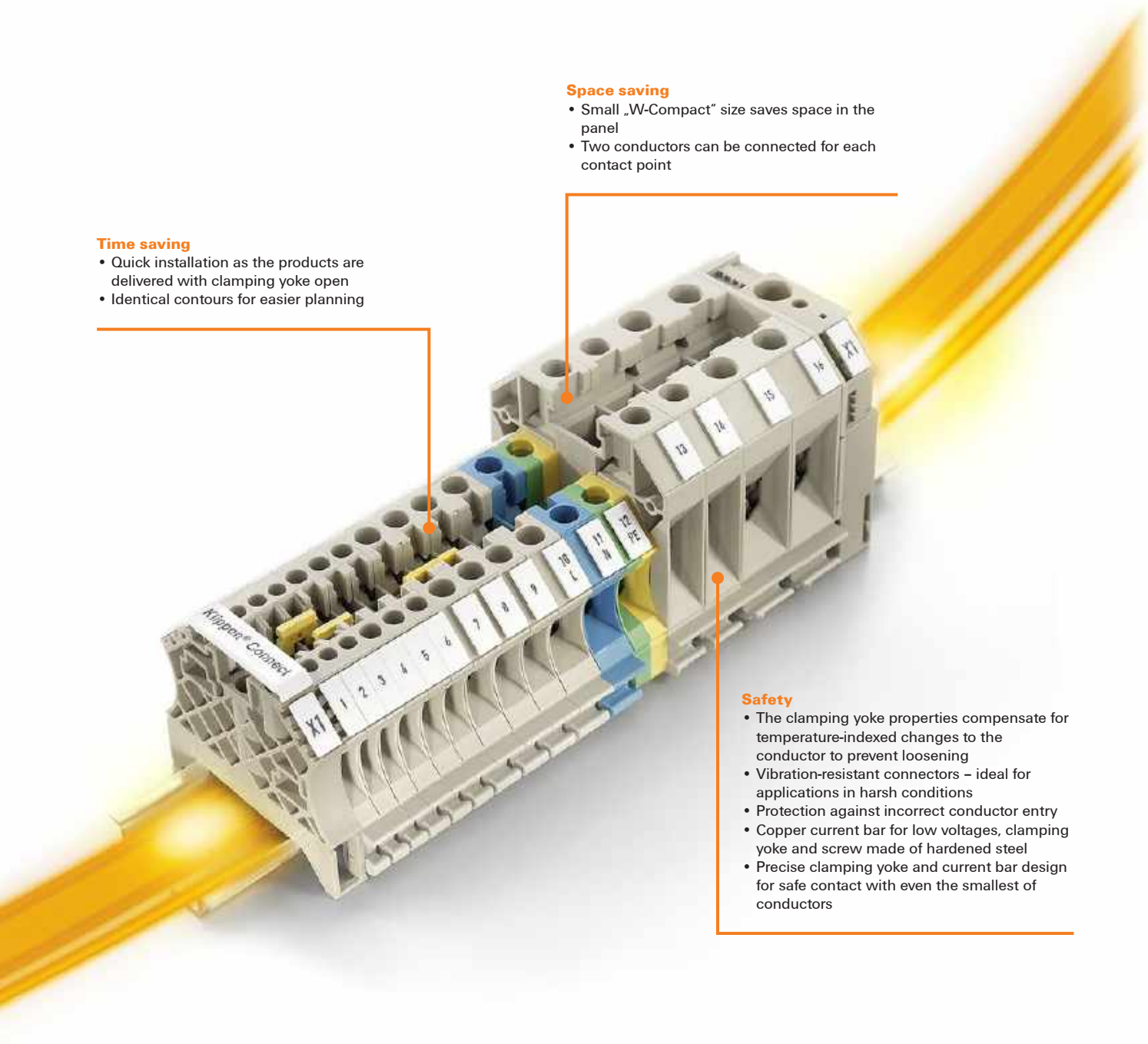
Flexibility

- The maintenance-free connection means the clamping screw does not need to be re-tightened
- Can be clipped to or removed from the terminal rail in either direction



Space saving
- Small „W-Compact“ size saves space in the panel
- Two conductors can be connected for each contact point

Time saving
- Quick installation as the products are delivered with clamping yoke open
- Identical contours for easier planning



Safety
- The clamping yoke properties compensate for temperature-indexed changes to the conductor to prevent loosening
- Vibration-resistant connectors – ideal for applications in harsh conditions
- Protection against incorrect conductor entry
- Copper current bar for low voltages, clamping yoke and screw made of hardened steel
- Precise clamping yoke and current bar design for safe contact with even the smallest of conductors

Overview

You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

Universal application:
Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions.

Varied product assortment with wide clamping range:
Our terminal blocks with clamping yoke technology are available in both standard and compact designs. The compact design covers wire cross-sections from 0.05 mm² to 150 mm² and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm². The identical contours of the terminal blocks make configuration easier and reduces the quantity of accessories required.

WDU 1.5/R 3.5 — 1.5 mm²

Feed-through terminal for TS 15

Width/Height/Depth	3.5 x 24.5 x 24
max. current / max. cond. cross-section	**17.5 / 1.5**
Max. clamping range	**0.13...1.5**

Technical data

IEC 60947-7-1			Ex eb II C Gb	II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	400	300	300	275
Rated current	17.5	15	10	15
for wire cross-section	1.5	AWG 26...14	AWG 26...14	1.5 mm²
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-0	
Approvals				DEMKO14ATEX1338U

Clamped conductors (H05V/H07V)	**Rated connection**	**Further connection**
Solid / Stranded	0.5...1.5 / 1.5...1.5	
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...0.5	2.5
Tightening torque / Clamping screw	0.3...0.3 / (M 2)	
Stripping length / Blade size	7 / 0.4 x 2.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	-	
Flexible / Flexible with ferrule	0.5...0.75 / 0.5...0.5	

Note

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige	WDU 1.5/R3.5	100	**1753280000**
beige			
Blue	WDU 1.5/R3.5 BL	100	**1754170000**

Note

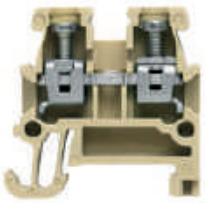
Accessories

Screwable cross-connection			
2-pole			
10-pole			
End plate / Partition plate			
dark beige	WAP WDU1.5/R3.5	20	**1754190000**
Blue			
End bracket			
dark beige	EW 15	50	**0382860000**
Testing / Checking			
Test plug			
Socket			
Marking tags			
	DEK 5/3.5 MC NE WS	500	**1755270000**
	DEK 5/3.5 MM WS	1000	**2007100000**
Plug-in cross-connection			
2-pole	ZQV 1.5N/R3.5/2 GE 17.5 A	50	**1754210000**
10-pole	ZQV 1.5N/R3.5/10 GE 17.5 A	20	**1754290000**

For detailed information on other accessories and application in the online catalogue

AKZ 1.5 — 1.5 mm²

Feed-through terminal for TS 15



Width/Height/Depth	5.1 x 24.8 x 24
max. current / max. cond. cross-section	**24 / 2.5**
Max. clamping range	**0.21...2.5**

Technical data

IEC 60947-7-1			Ex eb II C Gb	II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	250	150	300	220
Rated current	17.5	15	10	17.5
for wire cross-section	1.5	AWG 22...14	AWG 24...16	2.5 mm²
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A1 / V-2	
Approvals				TUEV18ATEX8221U

Clamped conductors (H05V/H07V)	**Rated connection**	**Further connection**
Solid / Stranded	0.5...2.5 / 1.5...1.5	
Flexible / Flexible with ferrule	0.5...1.5 / 0.5...1.5	
Tightening torque / Clamping screw	0.4...0.6 / (M 2.5)	
Stripping length / Blade size	7 / 3.0 x 0.5 mm	

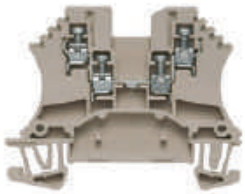
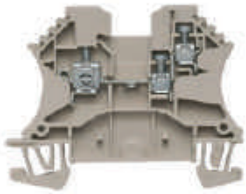
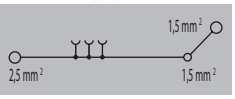
Note

Ordering data

Type	**Qty.**	**Order No.**
AKZ 1.5	100	**0340460000**
AKZ 1.5 BL	100	**0340480000**

Accessories

Type		**Qty.**	**Order No.**
Q 2 AKZ1.5	24 A	50	**0368200000**
Q 10 AKZ1.5	24 A	20	**0368500000**
AP AKZ1.5		50	**0340560000**
AP AKZ1.5 BL		50	**0340580000**
EW 15		50	**0382860000**
PS 2.3 RT	20 mA	20	**0180400000**
STB 8.5/D4/2.3/M2.5 AKZ		50	**0215700000**
DEK 5/5 MC NE WS		1000	**1609801044**

	WDU 1.5/ZZ	WDU 2.5/1.5/ZR
	1.5 mm²	2.5 mm²
	Twin connection	Supplementary connection, right
		
Width/Height/Depth mm	5.1 x 60 x 46.5	5.1 x 60 x 46.5
max. current / max. cond. cross-section A/mm²	23 / 2.5	32 / 4
Max. clamping range mm²	0.13...2.5	0.05...4
		

Technical data

	WDU 1.5/ZZ	WDU 2.5/1.5/ZR
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
for wire cross-section mm²	IEC: 800 / 17.5 / 1.5	IEC: 800 / 24 / 2.5
	UL: 300 / 25 / AWG 26...12	UL: 300 / 20 / AWG 30...12
	CSA: 300 / 10 / AWG 26...12	CSA: 300 / 20 / AWG 26...14
	EN 60079-7: 550 / 17.5 / 2.5 mm²	EN 60079-7: 550 / 24 / 2.5 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A3, A1 / V-0
Approvals	DEMKO14ATEX1338U	DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
Stripping length / Blade size mm/-	7 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5	0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...1 / 0.5...0.75	0.5...1.5 / 0.5...1.5
Note		

Rated connection	Further connection	Rated connection	Further connection
0.5...2.5 / 0.5...2.5		0.5...4 / 1.5...4	0.5...2.5 / 0.5...2.5
0.5...1.5 / 0.5...1.5		0.5...4 / 0.5...2.5	0.5...1.5 / 0.5...1.5
0.4...0.6 / (M 2.5)		0.4...0.6 / (M 2.5)	
7 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	7 / SD 0.6 x 3.5
0.5...2.5		0.5...2.5	
0.5...1 / 0.5...0.75		0.5...1.5 / 0.5...1.5	

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 1.5/ZZ	100	1031400000
Blue	WDU 1.5/ZZ BL	100	1031480000
Note			

Type	Qty.	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
Blue	WAP 2.5-10 BL		50	1050080000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket				
dark beige	WEW 35/2		50	1061200000
Testing / Checking				
Standard	WTA 2 WDU2.5-10	6 A	25	1632320000
With spigot	WTA 2/ZA WDU2.5-10	6 A	25	1632330000
Cover				
With lightning flash symbol	WAD 4 GE BED		50	1072000000
Blank, white	WAD 4 WS		50	1072100000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

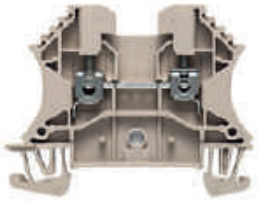
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 2 WDU2.5-10	6 A	25	1632320000
WTA 2/ZA WDU2.5-10	6 A	25	1632330000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

AKZ 2.5 — 2.5 mm²

Feed-through terminal for TS 15

WDU 2.5 — 2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

AKZ 2.5	WDU 2.5
5.1 x 25.5 x 26.3	5.1 x 60 x 46.5
32 / 4	**32 / 4**
0.13...4	**0.05...4**

Technical data

	AKZ 2.5				WDU 2.5			
IEC 60947-7-1			Ex eb II C Gb	II 2 G D			Ex eb II C Gb	II 2 G D
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	250	300	300	220	800	600	600	690
Rated current A	24	10	10	24	24	25	20	24
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...10	4 mm²	2.5	AWG 30...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity	4 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-2				A3 / V-0			
Approvals	TUEV18ATEX8221U				DEMKO14ATEX1338U			
Clamped conductors (H05V/H07V)	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	0.5...4 / 1.5...2.5				0.5...4 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)				0.4...0.8 / (M 2.5)			
Stripping length / Blade size mm/-	7 / 0.5 x 3.0 mm				10 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -					0.5...1.5			
Flexible / Flexible with ferrule -					0.5...1.5 / 0.5...1.5			
Note								

Ordering data

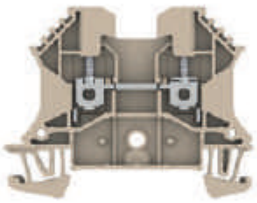
Version	AKZ 2.5 Type	Qty.	Order No.	WDU 2.5 Type	Qty.	Order No.
dark beige				WDU 2.5	100	1020000000
beige	AKZ 2.5	100	0697160000			
Blue	AKZ 2.5 BL	100	0697180000	WDU 2.5 BL	100	1020080000
Note						

Accessories

	AKZ 2.5 Type		Qty.	Order No.	WDU 2.5 Type		Qty.	Order No.
Plug-in cross-connection								
2-pole					ZQV 2.5N/2	24 A	60	1527540000
10-pole					ZQV 2.5N/10	24 A	20	1527690000
Screwable cross-connection								
2-pole	Q 2 AKZ1.5	24 A	50	0368200000	WQV 2.5/2	32 A	50	1053660000
10-pole	Q 10 AKZ1.5	24 A	20	0368500000	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate								
dark beige	AP AKZ2.5		50	0697360000	WAP 2.5-10		50	1050000000
Blue	AP AKZ2.5 BL		50	0697380000	WAP 2.5-10 BL		50	1050080000
dark beige	TW AKZ2.5		20	0318560000	WAP 16+35 WTW 2.5-10		20	1050100000
Blue					WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket								
dark beige	EW 15		50	0382860000	WEW 35/2		50	1061200000
Testing / Checking								
Standard					WTA 2 WDU2.5-10	6 A	25	1632320000
With spigot					WTA 2/ZA WDU2.5-10	6 A	25	1632330000
Test plug	PS 2.3 RT	20 mA	20	0180400000				
Socket	STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000				
Cover								
Blank, yellow					WAD 5 MC NE GE		48	1112920000
Blank, white					WAD 5 MC NE WS		48	1112910000
With lightning flash symbol								
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
					WS 12/5 MC NE WS		720	1609860000
					DEK 5/5 MM WS		800	2007110000
					WS 8/5 MM WS		800	2007150000

For detailed information on other accessories and application in the online catalogue

WDU 2.5 HV — 2.5 mm²



5.1 x 60 x 46.5
32 / 4
0.05...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

CE

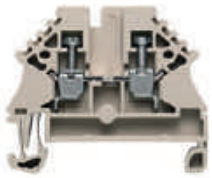
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.8 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5 HV	100	**1412950000**

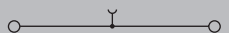
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/2		50	**1061200000**
WTA 2 WDU2.5-10	6 A	25	**1632320000**
WTA 2/ZA WDU2.5-10	6 A	25	**1632330000**
WAD 5 MC NE GE		48	**1112920000**
WAD 5 MC NE WS		48	**1112910000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

WDU 2.5N — 2.5 mm²

With screwable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4



Ex eb II C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	352
24	20	20	24
2.5	AWG 22...12	AWG 26...12	2.5 mm²
	6 kV / 3		
	A3 / V-0		

DEMKO14ATEX1338U

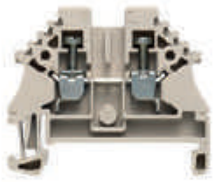
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5N	100	**1023700000**
WDU 2.5N BL	100	**1023780000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDU2.5N/4N		50	**1060000000**
WAP WDU2.5N/4N BL		50	**1060080000**
EW 35		50	**0383560000**
WTA 1 WDU1.5	6 A	25	**1632290000**
WTA 1/ZA WDU1.5	6 A	25	**1632300000**
WAD 4 WS		50	**1072100000**
WAD 4 GE BED		50	**1072000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

WDU 2.5N/ZQV — 2.5 mm²

With pluggable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4

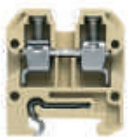
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.25...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 2.5N ZQV	100	**1040800000**
WDU 2.5N ZQV BL	100	**1040880000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**
WAP WDU2.5N/4N		50	**1060000000**
WAP WDU2.5N/4N BL		50	**1060080000**
EW 35		50	**0383560000**
WTA 1 WDU1.5	6 A	25	**1632290000**
WTA 1/ZA WDU1.5	6 A	25	**1632300000**
WAD 4 WS		50	**1072100000**
WAD 4 GE BED		50	**1072000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
DEK 5/5 MM WS		800	**2007110000**
WS 8/5 MM WS		800	**2007150000**

	WDU 2.5N/600 UL	AKZ 4
	2.5 mm²	4 mm²
	Compact design	Feed-through terminal for TS 15
		
Width/Height/Depth mm	5.1 x 44 x 42.7	6.1 x 27 x 29
max. current / max. cond. cross-section A/mm²	32 / 4	41 / 6
Max. clamping range mm²	0.05...4	0.13...6

Technical data

	WDU 2.5N/600 UL	AKZ 4
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		Ex eb II C Gb Ex II 2 G D
for wire cross-section mm²	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
	800 / 600 / 600	400 / 300 / 300 / 352
	24 / 25 / 20	32 / 27 / 10 / 32
	2.5 / AWG 22...12 / AWG 26...12	4 / AWG 26...12 / AWG 24...12 / 6 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-2
Approvals	CE GL EAC UL	CE GL EAC KCC Ex UL TUEV18ATEX8221U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.6...0.8 / (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Flexible / Flexible with ferrule -	/ 0.5...1.5	
Note		

Ordering data

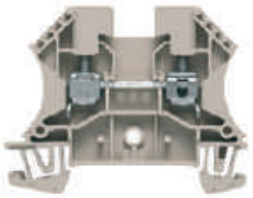
Version	WDU 2.5N/600 UL Type	Qty.	Order No.	AKZ 4 Type	Qty.	Order No.
dark beige	WDU 2.5N/600UL	100	1730940000			
beige				AKZ 4	100	0294360000
Blue				AKZ 4 BL	100	0294380000
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole								
10-pole								
Screwable cross-connection								
2-pole	WQV 2.5/2	32 A	50	1053660000	Q 2 AKZ4	24 A	50	0336400000
10-pole	WQV 2.5/10	32 A	20	1054460000	Q 10 AKZ4	24 A	20	0368600000
End plate / Partition plate								
dark beige	WAP WDU2.5N/4N		50	1060000000	AP AKZ4		20	0294460000
Blue	WAP WDU2.5N/4N BL		50	1060080000	AP AKZ4 BL		20	0294480000
dark beige					TW AKZ4		50	0348260000
Blue								
End bracket								
dark beige	WEW 35/2		50	1061200000	EW 15		50	0382860000
Testing / Checking								
Standard	WTA 1 WDU1.5	6 A	25	1632290000				
With spigot	WTA 1/ZA WDU1.5	6 A	25	1632300000				
Test plug					PS 2.3 RT	20 mA	20	0180400000
Socket					STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
Cover								
Blank, white	WAD 4 WS		50	1072100000				
Blank, yellow								
With lightning flash symbol	WAD 4 GE BED		50	1072000000				
Marking tags								
	WS 8/5 MM WS		800	2007150000				
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/6 MC NE WS		1000	1609820000
	DEK 5/5 MM WS		800	2007110000				
	WS 12/5 MC NE WS		720	1609860000				

For detailed information on other accessories and application in the online catalogue

WDU 4 — 4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	32
4	AWG 26...10	AWG 26...10	4 mm²
	8 kV / 3		
	A4 / V-0		

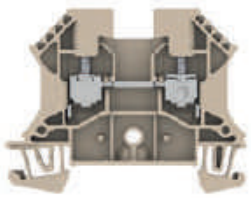
DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WQV 4/2	41 A	50	1051960000
WQV 4/10	41 A	20	1052060000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 3 WDU4	6 A	25	1632350000
WTA 3/ZA WDU4	6 A	25	1632360000
WAD 5 MC NE WS		48	1112910000
WAD 5 MC NE GE		48	1112920000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

WDU 4 HV — 4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			
	8 kV / 3		
	A4 / V-0		

CE

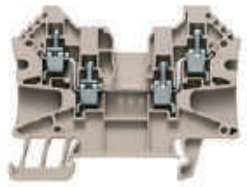
Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
0.5...1 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...2.5	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4 HV	100	1412960000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WQV 4/2	41 A	50	1051960000
WQV 4/10	41 A	20	1052060000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 3 WDU4	6 A	25	1632350000
WTA 3/ZA WDU4	6 A	25	1632360000
WAD 5 MC NE WS		48	1112910000
WAD 5 MC NE GE		48	1112920000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000

WDU 4/ZZ — 4 mm²

Twin connection



6.1 x 70 x 53
32 / 6
0.05...6

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	29.5
4	AWG 30...10	AWG 30...10	4 mm²
	8 kV / 3		
	A4 / V-0		

DEMKO14ATEX1338U

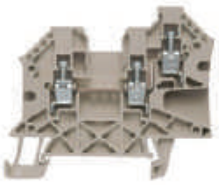
Rated connection	Further connection
0.5...6	
0.5...4	
0.5...0.8 / (M 3)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000
WDU 4/ZZ BL	50	1114720000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZZ		50	1905150000
WEW 35/2		50	1061200000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MC NE WS		1000	1609820000
DEK 5/6 MM WS		600	2007120000

WDU 4/ZR — 4 mm²

Supplementary connection, right



WDU 4N — 4 mm²

Compact design

		WDU 4/ZR	WDU 4N
Width/Height/Depth	mm	6.1 x 63.5 x 53	6.1 x 44 x 37.7
max. current / max. cond. cross-section	A/mm²	32 / 6	39 / 6
Max. clamping range	mm²	0.05...6	0.13...6

Technical data

		WDU 4/ZR				WDU 4N			
Rated data									
IEC 60947-7-1				Ex eb II C Gb	II 2 G D			Ex eb II C Gb	II 2 G D
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	800	600	600		500	300	300	352
Rated current	A	32	30	30		32	10	10	31
for wire cross-section	mm²	4	AWG 30...10	AWG 30...10		4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0				A4 / V-0			
Approvals					*UNDEFINED TEXT*				DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	0.5...6		0.5...6		0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4		0.5...4 / 0.5...4		0.5...4 / 0.5...4			
Tightening torque / Clamping screw	Nm	0.5...0.8 / (M 3)				0.5...1 / (M 3)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				11 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	-								
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5							
Note									

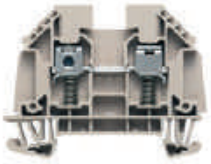
Ordering data

Version	WDU 4/ZR			WDU 4N		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 4/ZR	50	**1905140000**	WDU 4N	100	**1042600000**
Blue				WDU 4N BL	100	**1042680000**
Note						

Accessories

	WDU 4/ZR				WDU 4N			
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate								
dark beige	WAP WDU/WTR4/ZR		50	**1905070000**	WAP WDU2.5N/4N		50	**1060000000**
Blue					WAP WDU2.5N/4N BL		50	**1060080000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Testing / Checking								
Standard					WTA 1 WDU1.5	6 A	25	**1632290000**
With spigot					WTA 1/ZA WDU1.5	6 A	25	**1632300000**
Cover								
With lightning flash symbol					WAD 4 GE BED		50	**1072000000**
Blank, white					WAD 4 WS		50	**1072100000**
Marking tags								
	DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

	WDU 4 SL	4 mm²	WDU 4 SL/EN	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 46.5		6.1 x 60 x 51.5	
max. current / max. cond. cross-section A/mm²	41 / 6		41 / 6	
Max. clamping range mm²	0.22...6		0.22...6	

Technical data

	WDU 4 SL	4 mm²	WDU 4 SL/EN	4 mm²
Rated data				
Rated voltage V	IEC 60947-7-1		IEC 60947-7-1	
Rated current A	Ex eb II C Gb	II 2 G D	Ex eb II C Gb	II 2 G D
for wire cross-section mm²				
Rated impulse withstand voltage / Pollution severity				
Gauge to IEC 60947-1 / UL 94 flammability rating				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²				
Flexible / Flexible with ferrule mm²				
Tightening torque / Clamping screw Nm				
Stripping length / Blade size mm/-				
2 conductors with same cross-section (H05V/H07V)				
Solid / Stranded -				
Flexible / Flexible with ferrule mm²				

	IEC	UL	CSA	EN 60079-7
Rated voltage V	690	600	300	440
Rated current A	32	30	25	32
for wire cross-section mm²	4	AWG 22...10	AWG 22...10	4 mm²
Rated impulse withstand voltage / Pollution severity	6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0			
Approvals	DEMKO14ATEX1338U			

Rated connection	Further connection
Solid / Stranded mm²	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)
Stripping length / Blade size mm/-	15 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded -	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5

Rated connection	Further connection
Solid / Stranded mm²	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)
Stripping length / Blade size mm/-	15 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded -	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 4 SL	50	9537440000
dark beige			
Blue	WDU 4 SL BL	50	9203060000

Version	Type	Qty.	Order No.
dark beige	WDU 4 SL/EN	50	9537450000

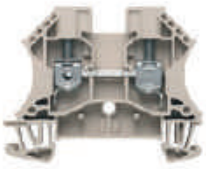
Note

Accessories

	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	WQV 4/2	41 A	50	1051960000
10-pole	WQV 4/10	41 A	20	1052060000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue				
Blue				
End bracket				
dark beige	WEW 35/2		50	1061200000
Testing / Checking				
Standard	WTA 3 WDU4	6 A	25	1632350000
Cover				
Blank, yellow				
Blank, white				
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	1312440000
	HBT 2,5 - 3,0 BL		100	1312450000
Marking tags				
	WS 12/6 MC NE WS		600	1609900000
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000

	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	WQV 4/2	41 A	50	1051960000
10-pole	WQV 4/10	41 A	20	1052060000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue				
Blue				
End bracket				
dark beige	WEW 35/2		50	1061200000
Testing / Checking				
Standard	WTA 3 WDU4	6 A	25	1632350000
Cover				
Blank, yellow				
Blank, white				
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	1312440000
	HBT 2,5 - 3,0 BL		100	1312450000
Marking tags				
	WS 12/6 MC NE WS		600	1609900000
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000

For detailed information on other accessories and application in the online catalogue

	WDU 6	6 mm²	WDU 6 HV	6 mm²
				
Width/Height/Depth mm	7.9 x 60 x 46.5		7.9 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**57 / 10**		**57 / 10**	
Max. clamping range mm²	**0.22...10**		**0.22...10**	

Technical data

	WDU 6				WDU 6 HV			
Rated data								
Rated voltage V	IEC 60947-7-1				IEC 60947-7-1			
Rated current A								
for wire cross-section mm²								
Rated impulse withstand voltage / Pollution severity								
Gauge to IEC 60947-1 / UL 94 flammability rating								
Approvals	Ex eb II C Gb		Ex	II 2 G D				
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
	800	600	600	690	1000			
	41	50	50	41	41			
	6	AWG 22...8	AWG 22...8	6 mm²	6			
	8 kV / 3				8 kV / 3			
	A5 / V-0				A5 / V-0			
	DEMKO14ATEX1338U				CE			
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Flexible / Flexible with ferrule mm²	0.5...10 / 1.5...10				0.5...10 / 1.5...10			
Tightening torque / Clamping screw Nm	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Stripping length / Blade size mm/-	0.8...1.6 / (M 3.5)				0.8...1.6 / (M 3.5)			
	12 / 0.8 x 4.0 mm				12 / 0.8 x 4.0 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	0.5...2.5				0.5...2.5			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5				0.5...2.5 / 0.5...2.5			
Note								

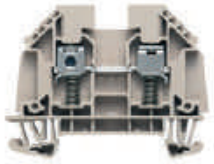
Ordering data

	WDU 6			WDU 6 HV		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 6	100	**1020200000**	WDU 6 HV	100	**1412970000**
dark beige				WDU 6 IR	100	**1393350000**
Blue	WDU 6 BL	100	**1020280000**			
Note						

Accessories

	WDU 6				WDU 6 HV			
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 6/2	57 A	50	**1052360000**	WQV 6/2	57 A	50	**1052360000**
10-pole	WQV 6/10	57 A	20	**1052260000**	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4	6 A	25	**1632350000**	WTA 3 WDU4	6 A	25	**1632350000**
Cover								
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Hak. Cable lugs								
Marking tags								
	DEK 5/8 MC NE WS		800	**1856740000**	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/8 PLUS MC NE WS		420	**1906000000**
	WS 8/8 MM WS		500	**2007170000**	WS 8/8 MM WS		500	**2007170000**
	DEK 5/8 MM WS		500	**2007130000**	DEK 5/8 MM WS		500	**2007130000**
Plug-in cross-connection								
2-pole								
10-pole								
For detailed information on other accessories and application in the online catalogue								

WDU 6 SL — 6 mm²



7.9 x 60 x 46.5
57 / 6
0.5...6

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
630	150	300	275
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm²
	6 kV / 2		
	A5 / V-0		
			DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
0.8...1.6 / (M 3.5)	
16 / 0.8 x 4.0 mm	

Type	Qty.	Order No.
WDU 6 SL	50	**9537460000**

Type		Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/10	57 A	20	**1052260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/8 MC NE WS		800	**1856740000**
WS 12/6.5 MC NE WS		540	**1609920000**
WS 8/8 MM WS		500	**2007170000**
DEK 5/8 MM WS		500	**2007130000**

WDU 6 SL/EN — 6 mm²

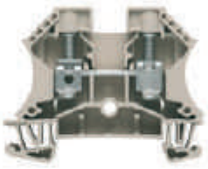
7.9 x 60 x 51.1
57 / 6
0.5...6

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
690	150	300	440
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm²
	6 kV / 3		
	A5 / V-0		
			DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6 6	
0.5...6	
0.8...1.6 / (M 3.5)	
16 / 0.8 x 4.0 mm	

Type	Qty.	Order No.
WDU 6 SL/EN	50	**9537470000**

Type		Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/10	57 A	20	**1052260000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/8 MC NE WS		800	**1856740000**
WS 12/6.5 MC NE WS		540	**1609920000**
WS 8/8 MM WS		500	**2007170000**
DEK 5/8 MM WS		500	**2007130000**

	WDU 10	10 mm²	WDU 10 IR	10 mm²
				
Width/Height/Depth mm	9.9 x 60 x 46.5		9.9 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**76 / 16**		**76 / 16**	
Max. clamping range mm²	**1.31...16**		**1.31...16**	

Technical data

	WDU 10				WDU 10 IR			
Rated data								
Rated voltage V	IEC 60947-7-1			Ex eb II C Gb / II 2 G D	IEC 60947-7-1			Ex eb II C Gb / II 2 G D
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	1000	600	600	690	1000	600	600	690
Rated impulse withstand voltage / Pollution severity	57	65	65	57	57	65	65	57
Gauge to IEC 60947-1 / UL 94 flammability rating	10	AWG 18...6	AWG 18...6	10 mm²	10	AWG 18...6	AWG 18...6	10 mm²
	8 kV / 3				8 kV / 3			
	B6 / V-0				B6 / V-0			
Approvals	DEMKO14ATEX1338U				DEMKO14ATEX1338U			
Clamped conductors (H05V/H07V)	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Tightening torque / Clamping screw Nm	1.2...1.9 / (M 4)				1.5...1.8 / (M 4)			
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm				12 / TX 15			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²	0.5...6 / 0.5...6							
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6							
Note								

Ordering data

Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 10	50	**1020300000**	WDU 10 IR	50	**1393380000**
Blue	WDU 10 BL	50	**1020380000**			
dark beige (combi clip-on foot TS 32/25)						
black (combi clip-on foot TS 32/25)						
Note						

Accessories

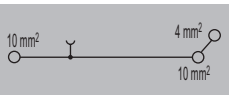
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 10/2	76 A	50	**1052560000**	WQV 10/2	76 A	50	**1052560000**
10-pole	WQV 10/10	63 A	20	**1052460000**	WQV 10/10	63 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Testing / Checking								
Standard	WTA 3 WDU4	6 A	25	**1632350000**	WTA 5/1	6 A	25	**1051260000**
Cover								
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Hak. Cable lugs								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

WDU 10/ZR — 10 mm²

Additional connection on right 4 mm²

9.9 x 70 x 49
76 / 16
1.31...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	65	65	
10	AWG 16...6	AWG 16...6	
8 kV / 3			
B6, A4 / V-0			

Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1.5...16 / 1.5...16	0.5...4 / 0.5...4
1.2...1.9 / (M 4)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
0.5...6	
1...6 / 1...6	

Type	Qty.	Order No.
WDU 10/ZR	50	**1042400000**
WDU 10/ZR BL	50	**1042480000**

Type		Qty.	Order No.
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WEW 35/2		50	**1061200000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 10 SL — 10 mm²

9.9 x 60 x 46.25
76 / 10
1.31...10

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
630	150	300	352
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm²
6 kV / 2			
A5 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
1.5...10 / 1.5...10	
1...6	
1.2...2.4 / (M 4)	
17 / 1.0 x 5.5 mm	
2.5...4 / 1...4	

Type	Qty.	Order No.
WDU 10 SL	50	**9537480000**

Type		Qty.	Order No.
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 10 SL/EN — 10 mm²

9.9 x 56.6 x 51.1
76 / 16
1.31...16

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
690	600	300	550
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm²
6 kV / 3			
A6 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
1.5...16 / 1.5...16	
1...6	
1.2...2.4 / (M 4)	
17 / 1.0 x 5.5 mm	
2.5...4 / 1...4	

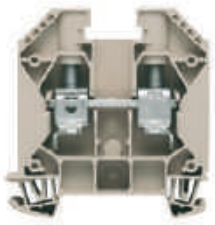
Type	Qty.	Order No.
WDU 10 SL/EN	50	**9537490000**
WDU 10 SL/EN SW	50	**9537410000**

Type		Qty.	Order No.
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WTA 5/1	6 A	25	**1051260000**
WAD 8 MC NE GE		48	**1112950000**
WAD 8 MC NE WS		48	**1112940000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

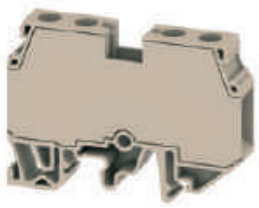
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

WDU 16 — 16 mm²

With peg for higher connection stability



WDUB 16 — 16 mm²



		WDU 16	WDUB 16
Width/Height/Depth	mm	11.9 x 60 x 62.5	9.9 x 65 x 47
max. current / max. cond. cross-section	A/mm²	**101 / 25**	**76 / 16**
Max. clamping range	mm²	**0.82...25**	**0.5...16**

Technical data

		WDU 16				WDUB 16			
Rated data									
Rated voltage	V	IEC 60947-7-1		Ex eb II C Gb	II 2 G D	IEC 60947-7-1			
Rated current	A								
for wire cross-section	mm²								
Rated impulse withstand voltage / Pollution severity									
Gauge to IEC 60947-1 / UL 94 flammability rating									
Approvals					DEMKO14ATEX1338U				
Clamped conductors (H05V/H07V)									
Solid / Stranded	mm²								
Flexible / Flexible with ferrule	mm²								
Tightening torque / Clamping screw	Nm								
Stripping length / Blade size	mm/-								
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	mm²								
Flexible / Flexible with ferrule	mm²								

WDU 16				WDUB 16			
IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
1000	600	600	690	1000	600		
76	85	85	76	76	65		
16	AWG 18...4	AWG 18...6	16 mm²	16			
	8 kV / 3				8 kV / 3		
	B7 / V-0				B6 / V-0		

WDU 16		WDUB 16	
Rated connection	**Further connection**	**Rated connection**	**Further connection**
1.5...16 / 1.5...25		0.5...16 / 0.5...16	
1.5...25 / 1.5...16		0.5...10 / 0.5...10	
3...4 / (M 5)		1.2...1.9 / (M 4)	
16 / 1.0 x 5.5 mm		20 / 0.8 x 4.0 mm	
1.5...6 / 1.5...6			
1.5...6 / 1.5...6			

Note

Ordering data

Version	WDU 16 Type	Qty.	Order No.	WDUB 16 Type	Qty.	Order No.
dark beige				WDUB 16	20	**2868370000**
without peg / dark beige	WDU 16	50	**1020400000**			
with peg / blue	WDU 16 BL	50	**1020480000**			
with peg / dark beige	WDU 16/ZA	50	**1028900000**			

Note

Accessories

	WDU 16 Type		Qty.	Order No.	WDUB 16 Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 16/2	101 A	50	**1053260000**	WQV 10/2	76 A	50	**1052560000**
10-pole	WQV 16/10	101 A	10	**1053360000**	WQV 10/10	63 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**				
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**				
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**				
dark beige					WEW 35/2		50	**1061200000**
Cover								
black/yellow	WAD 12 MC B GE/SW		32	**2445090000**				
white	WAD 12 MC NE WS		32	**2445070000**				
Blank, yellow					WAD 8 MC B GE/SW		48	**1120470000**
Blank, white					WAD 8 MC NE WS		48	**1112940000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**				
					WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

WDU 16 IR — 16 mm²

Width/Height/Depth	11.9 x 60 x 62.5 mm
max. current / max. cond. cross-section	101 / 25 A/mm²
Max. clamping range	0.82...25 mm²

Technical data

Rated data				
	IEC	UL	CSA	EN 60079-7
Rated voltage V	1000	600	600	690
Rated current A	76	85	85	76
for wire cross-section mm²	16	AWG 18...4	AWG 18...6	16 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B7 / V-0	
Approvals				DEMKO14ATEX1338U

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / Stranded mm²	1.5...16 / 1.5...25	
Flexible / Flexible with ferrule mm²	1.5...25 / 1.5...16	
Tightening torque / Clamping screw Nm	3...4 / (M 5)	
Stripping length / Blade size mm/-	16 / TX 15	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	1.5...6 / 1.5...6	
Flexible / Flexible with ferrule mm²	1.5...6 / 1.5...6	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 16 IR	50	1393390000
Blue			

Note

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 16/2	101 A	50	1053260000
10-pole	WQV 16/10	101 A	10	1053360000
4-pole				
End plate / Partition plate				
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Cover				
black/yellow	WAD 12 MC B GE/SW		32	2445090000
white	WAD 12 MC NE WS		32	2445070000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
Testing / Checking				
Standard				

For detailed information on other accessories and application in the online catalogue

WDU 16N — 16 mm²

Suitable for power distribution
Compact design

Width/Height/Depth	12 x 60 x 46.5 mm
max. current / max. cond. cross-section	101 / 25 A/mm²
Max. clamping range	1.5...25 mm²

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	690	600	300	
Rated current A	76	70	70	
for wire cross-section mm²	16	AWG 14...6	AWG 14...6	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B7 / V-0	

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / Stranded mm²	1.5...16 / 1.5...25	
Flexible / Flexible with ferrule mm²	1.5...16 / 1.5...16	
Tightening torque / Clamping screw Nm	1.2...2.4 / (M 4)	
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²	1.5...4 / 1.5...4	

Note

Ordering data

Type	Qty.	Order No.
WDU 16N	50	1036100000
WDU 16N BL	50	1036180000

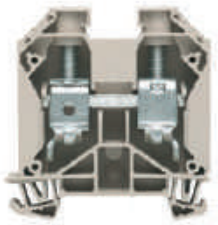
Accessories

Type		Qty.	Order No.
WQV 16N/2	76 A	50	1636560000
WQV 16N/4	76 A	50	1636580000
WTW EN		20	1058800000
WEW 35/2		50	1061200000
WAD 12 MC B GE/SW		32	2445090000
WAD 12 MC NE WS		32	2445070000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/12 MC NE WS		300	1905970000
WTA 2 WDU2.5-10	6 A	25	1632320000

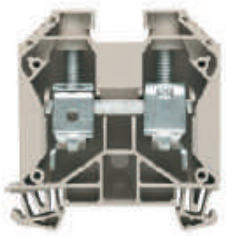
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!
The compact terminals are impressive for their small size and rated cross-section capacity.

WDU 35 — 35 mm²

Clamping screw / spigot for good connection stability



WDU 35 IR — 35 mm²



		WDU 35	WDU 35 IR
Width/Height/Depth	mm	16 x 60 x 62.5	16 x 60 x 62.5
max. current / max. cond. cross-section	A/mm²	150 / 50	150 / 50
Max. clamping range	mm²	2.5...50	2.5...50

Technical data

		WDU 35	WDU 35 IR
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
for wire cross-section	mm²	IEC: 1000 / UL: 1000 / CSA: 600 / EN 60079-7: 690	IEC: 1000 / UL: 1000 / CSA: / EN 60079-7: 690
Rated impulse withstand voltage / Pollution severity		IEC: 125 / UL: 150 / CSA: 150 / EN 60079-7: 115	IEC: 125 / UL: 150 / CSA: / EN 60079-7: 115
Gauge to IEC 60947-1 / UL 94 flammability rating		IEC: 35 / UL: AWG 12...0 / CSA: AWG 12...NaN / EN 60079-7: 35 mm²	IEC: 35 / UL: AWG 12...0 / CSA: / EN 60079-7: 35 mm²
Approvals		8 kV / 3	8 kV / 3
		B8 / V-0	B8 / V-0
		DEMKO14ATEX1338U	DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)		Rated connection / Further connection	Rated connection / Further connection
Solid / Stranded	mm²	2.5...16 / 2.5...50	2.5...16 / 2.5...50
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35	2.5...35 / 2.5...35
Tightening torque / Clamping screw	Nm	4...5 / (M 6)	4...5 / (M 6)
Stripping length / Blade size	mm/-	18 / 6.5 x 1.2 mm	18 / TX 20
2 conductors with same cross-section (H05V/H07V)			
Solid / Stranded	-	/ 16...16	
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16	
Note			

Ordering data

Version	Type	Qty.	Order No.
without peg / dark beige	WDU 35	40	1020500000
with peg / blue	WDU 35 BL	40	1020580000
with peg / dark beige	WDU 35/ZA	40	1028800000
Note			

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Accessories

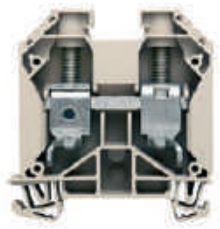
Screwable cross-connection	Type	Qty.	Order No.
2-pole	WQV 35/2 138 A	50	1053060000
10-pole	WQV 35/10 112 A	10	1053160000
4-pole			
End plate / Partition plate			
dark beige	WAP 16+35 WTW 2.5-10	20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL	20	1050180000
End bracket			
dark beige, screwable	WEW 35/1	50	1059000000
dark beige			
Cover			
black/yellow	WAD 12 MC B GE/SW	32	2445090000
white	WAD 12 MC NE WS	32	2445070000
With lightning flash symbol			
Marking tags			
	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/6.5 MC NE WS	540	1609920000

Screwable cross-connection	Type	Qty.	Order No.
	WQV 35/2 138 A	50	1053060000
	WQV 35/10 112 A	10	1053160000
	WAP 16+35 WTW 2.5-10	20	1050100000
	WAP 16+35 WTW 2.5-10 BL	20	1050180000
	WEW 35/1	50	1059000000
	WAD 12 MC B GE/SW	32	2445090000
	WAD 12 MC NE WS	32	2445070000
	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/5 MC NE WS	720	1609860000

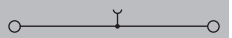
For detailed information on other accessories and application in the online catalogue

WDU 35 IK — 35 mm²

Hexagonal socket / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50



IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm²
	8 kV / 3		
	B8 / V-0		
			DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 / (M 6)	
18 / S4 (DIN 6911)	
/ 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	**1020600000**
WDU 35/IK BL	25	**1020680000**
WDU 35/IK/ZA	25	**1029000000**

Type		Qty.	Order No.
WQV 35/2	138 A	50	**1053060000**
WQV 35/10	112 A	10	**1053160000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
WEW 35/1		50	**1059000000**
WAD 12 MC B GE/SW		32	**2445090000**
WAD 12 MC NE WS		32	**2445070000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 35N — 35 mm²

Suitable for power distribution
Compact design

16 x 66 x 50.5
150 / 50
2.5...50

IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
500	1000		352
125	150		110
35	AWG 12...0	AWG 12...2	35 mm²
	6 kV / 3		
	B8 / V-0		
			DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6 / 2.5...6	

Type	Qty.	Order No.
WDU 35N	20	**1040400000**
WDU 35N BL	20	**1040480000**

Type		Qty.	Order No.
WQV 35N/2	125 A	20	**1079200000**
WQV 35N/4	125 A	20	**1079400000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 16N GE BED		50	**1083600000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

WDU 50N — 50 mm²

Compact design

WDU 50N IR — 50 mm²

Six-lobe socket

		WDU 50N	WDU 50N IR
Width/Height/Depth	mm	18.5 x 70 x 69.6	18.5 x 70 x 69.6
max. current / max. cond. cross-section	A/mm²	**192 / 70**	**192 / 70**
Max. clamping range	mm²	**10…70**	**10…70**

Technical data

		WDU 50N				WDU 50N IR			
Rated data									
Rated voltage	V	IEC 60947-7-1		Ex eb II C Gb	II 2 G D	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated current	A	1000	600	600	690	1000			690
for wire cross-section	mm²	150	150	150	126	150			126
		50	AWG 10…0	AWG 8…0	50 mm²	50			50 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		B10 / V-0				B10 / V-0			
Approvals		DEMKO14ATEX1338U				DEMKO14ATEX1338U			
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	10…16 / 10…70				10…16 / 10…70			
Flexible / Flexible with ferrule	mm²	10…50				10…50			
Tightening torque / Clamping screw	Nm	3.5…6 / (M 6)				3…6 / (M 6)			
Stripping length / Blade size	mm/-	24 / S4 (DIN 6911)				24 / TX 20			
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	-	/ 6…16				/ 6…16			
Flexible / Flexible with ferrule	mm²	6…16 / 6…16				6…16 / 6…16			
Note									

Ordering data

		WDU 50N			WDU 50N IR		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	WDU 50N	10	**1820840000**	WDU 50N IR	10	**1186630000**
	Blue	WDU 50N BL	10	**1820850000**			
Note							

Accessories

		WDU 50N				WDU 50N IR			
Screwable cross-connection		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	2-pole	WQV 50N/2	150 A	5	**1834060000**	WQV 50N/2	150 A	5	**1834060000**
	3-pole	WQV 50N/3	150 A	5	**1834070000**	WQV 50N/3	150 A	5	**1834070000**
	4-pole	WQV 50N/4	150 A	5	**1834080000**	WQV 50N/4	150 A	5	**1834080000**
End bracket									
	dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Cover									
	With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**	WAD 20 GE WSD		10	**9512260000**
Additional connection									
	10 mm²	WZAD 50N	41 A	5	**1872720000**	WZAD 50N	41 A	5	**1872720000**
Marking tags									
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver									
	Standard	SKS 2,0-8,0 MR		1	**9008870000**	TH-S 9-40		1	**9008880000**

For detailed information on other accessories and application in the online catalogue

WDU 70N — 70 mm²

Compact design

20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	184
70	AWG 6...0	AWG 6...0	70 mm²
8 kV / 3			
B11 / V-0			

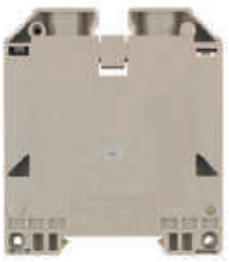
DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / S6 (DIN 6911)	
/ 10...25	
10...25 / 6...25	

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

Type		Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 70N	41 A	5	1964830000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

WDU 70N/35 IR — 70 mm²



20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
192	150		
70	AWG 6...0		
8 kV / 3			
B11 / V-0			

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / TX 40	

Type	Qty.	Order No.
WDU 70N/35 IR	10	1393420000

Type		Qty.	Order No.
WQV 70N/2	192 A	5	9512240000
WQV 70N/3	192 A	5	9512250000
WQV 70N/4	192 A	5	9531290000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 70N	41 A	5	1964830000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
TH-S 9-40		1	9008880000

WDU 95N/120N — 120 mm²

Compact design

27 x 91 x 90
290 / 150
16...150

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm²
8 kV / 3			
B13 / V-0			

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120	
12...20 / (M 10)	
27 / S6 (DIN 6911)	
35...10 / 10...35	
16...35 / 10...35	

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

Type		Qty.	Order No.
WQV 95N/120N/2	269 A	5	1826890000
WQV 95N/120N/3	269 A	5	1826900000
WQV 95N/120N/4	269 A	5	1826910000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 95N/120N	41 A	5	1859580000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

WDU 240 — 240 mm²

Width/Height/Depth	mm	36 x 100 x 123.7
max. current / max. cond. cross-section	A/mm²	**415 / 240**
Max. clamping range	mm²	**70...240**

Technical data

IEC 60947-7-1 — Ex e II — II 2 G D

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	1000	600	600	1100
Rated current	415	380	400	350
for wire cross-section	240		AWG 0...500	240 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B15 / V-0	
Approvals				KEMA01ATEX2186U

Clamped conductors (H05V/H07V)	Rated connection	Further connection
Solid / Stranded	-	/ 70...240
Flexible / Flexible with ferrule	mm²	70...240 / 70...185
Tightening torque / Clamping screw	Nm	25...30 / (M 10)
Stripping length / Blade size	mm/-	40 / S8 (DIN 6911)
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded	-	/ 35...95
Flexible / Flexible with ferrule	mm²	50...95 / 35...50

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 240	2	**1802780000**
Blue	WDU 240 BL	2	**1822210000**

Note

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQB 240/2	320 A	5	**1802790000**
3-pole	WQB 240/3	320 A	5	**1802800000**
4-pole				
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
Cover				
With lightning flash symbol				
Additional connection				
10 mm²	WZAD 240	57 A	5	**1802810000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	**9008870000**

For detailed information on other accessories and application in the online catalogue

Leaf clamp

Leaf clamp conductor connection for large cross-sections

It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily laid in the modular terminal.

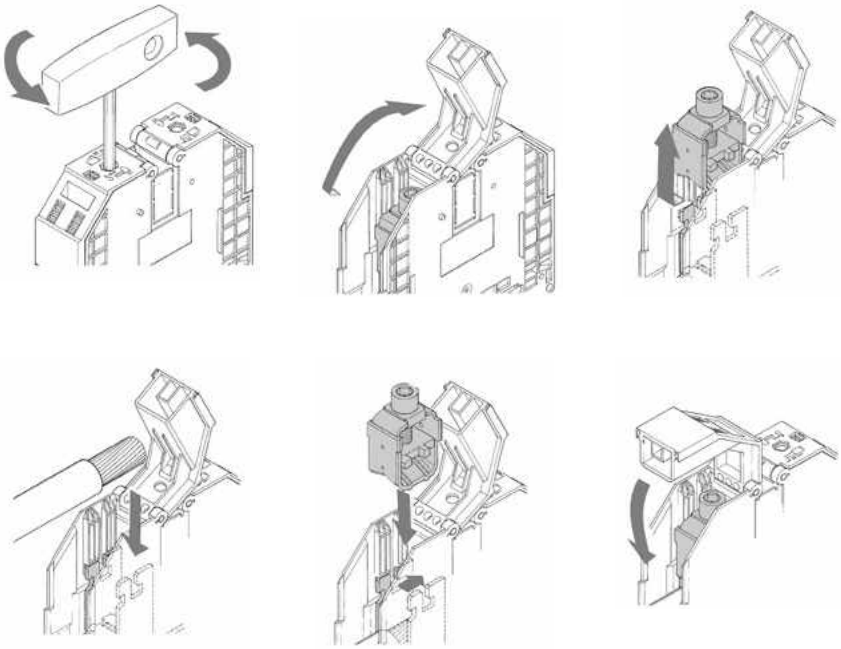
In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

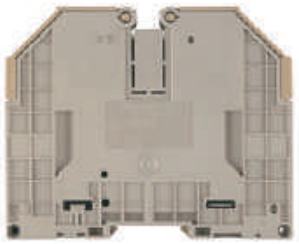
The other advantages are:

- Constant force transfer through selfadjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion

Open cover and remove screw assembly

Close cover and tighten screw with Allen key



	WDU 70/95	WDU 120/150
	95 mm²	120 mm²
	Conductor can be inserted from above / leaf spring	Conductor can be inserted from above / leaf spring
		
Width/Height/Depth mm	27 x 132 x 107	32 x 132 x 117
max. current / max. cond. cross-section A/mm²	**232 / 120**	**309 / 150**
Max. clamping range mm²	**13.3...120**	**33.63...150**

Technical data

	WDU 70/95				WDU 120/150			
Rated data								
Rated voltage V	IEC 60947-7-1		Ex eb II C Gb	II 2 G D	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
Rated current A	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section mm²	1000	1000	600	1100	1000	1000	600	1100
Rated impulse withstand voltage / Pollution severity	232	175	205	218	269	225	285	265
Gauge to IEC 60947-1 / UL 94 flammability rating	95	AWG 6...0	AWG 6...0	95 mm²	120	AWG 2...250	AWG 2...250	150 mm²
Approvals	8 kV / 3				8 kV / 3			
	B12 / V-0				B13 / V-0			
	DEMKO14ATEX1338U				DEMKO14ATEX1338U			
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Flexible / Flexible with ferrule mm²	16...16 / 16...120				/ 35...150			
Tightening torque / Clamping screw Nm	16...95 / 16...50				35...150 / 35...50			
Stripping length / Blade size mm/-	6...12 / (M 8)				10...20 / (M 10)			
2 conductors with same cross-section (H05V/H07V)	30 / S6 (DIN 6911)				35 / S6 (DIN 6911)			
Solid / Stranded -								
Flexible / Flexible with ferrule mm²	/ 16...35				/ 35...70			
	16...35 / 16...35				35...70 / 35...70			
Note								

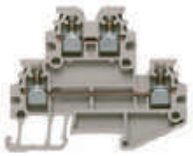
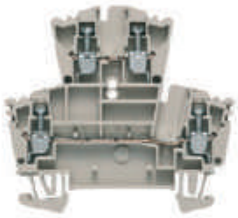
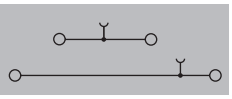
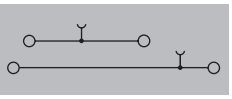
Ordering data

Version	WDU 70/95			WDU 120/150		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDU 70/95	10	**1024600000**	WDU 120/150	10	**1024500000**
Blue	WDU 70/95 BL	10	**1024680000**	WDU 120/150 BL	10	**1024580000**
Note						

Accessories

	WDU 70/95				WDU 120/150			
Screwable cross-connection								
	Type		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 70/95/2	232 A	5	**1063500000**	WQV 120/2	269 A	5	**1063300000**
3-pole	WQV 70/95/3	232 A	5	**1063600000**	WQV 120/3	292 A	5	**1063400000**
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Cover								
With lightning flash symbol	WAD 27 M. BL.		10	**1062860000**	WAD 27 M. BL.		10	**1062860000**
Blank, white	WAD 27 NEUTRAL		10	**1062960000**	WAD 27 NEUTRAL		10	**1062960000**
Additional connection								
4mm²	WZAD 70/95	32 A	10	**1066000000**	WZAD120		10	**1066100000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver								
Standard	SKS 2,0-8,0 MR		1	**9008870000**	SKS 2,0-8,0 MR		1	**9008870000**

For detailed information on other accessories and application in the online catalogue

	WDK 1.5/R3.5	WDK 2.5
	1.5 mm²	2.5 mm²
	Double feed-through terminal	Screwable cross-connection
		
Width/Height/Depth mm	3.5 x 46.5 x 37.5	5.1 x 69.5 x
max. current / max. cond. cross-section A/mm²	16 / 1.5	32 / 4
Max. clamping range mm²	0.13...1.5	0.05...4
		

Technical data

	WDK 1.5/R3.5	WDK 2.5
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	Ex eb II C Gb Ex II 2 G D	Ex eb II C Gb Ex II 2 G D
for wire cross-section mm²	IEC: 400 / 16 / 1.5	IEC: 400 / 24 / 2.5
	UL: 300 / 15 / AWG 26...14	UL: 300 / 20 / AWG 22...12
	CSA: 300 / 10 / AWG 26...14	CSA: 300 / 10 / AWG 26...12
	EN 60079-7: 275 / 15 / 1.5 mm²	EN 60079-7: 275 / 21 / 4 mm²
Rated impulse withstand voltage / Pollution severity	4 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A3 / V-0
Approvals	DEMKO15ATEX1346U	DEMKO15ATEX1346U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5 / 1.5...1.5	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...0.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.3...0.3 / (M 2)	0.4...0.6 / (M 2.5)
Stripping length / Blade size mm/-	7 / 0.4 x 2.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -		
Flexible / Flexible with ferrule mm²	0.5...0.75 / 0.5...0.5	0.5...1.5 / 0.5...1.5
Note		

	Rated connection	Further connection
WDK 1.5/R3.5	0.5...1.5 / 1.5...1.5	
	0.5...1.5 / 0.5...0.5	
	0.3...0.3 / (M 2)	
	7 / 0.4 x 2.5 mm	
WDK 2.5	0.5...4 / 0.5...4	
	0.5...4 / 0.5...2.5	
	0.4...0.6 / (M 2.5)	
	10 / 0.6 x 3.5 mm	

Ordering data

Version	WDK 1.5/R3.5 Type	Qty.	Order No.	WDK 2.5 Type	Qty.	Order No.
dark beige	WDK 1.5/R3.5	100	1753290000	WDK 2.5	100	1021500000
Blue				WDK 2.5 BL	100	1021580000
Orange						
Note						

Accessories

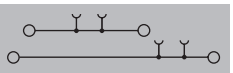
	WDK 1.5/R3.5 Type		Qty.	Order No.	WDK 2.5 Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 1.5N/2	17.5 A	60	1985410000				
10-pole	ZQV 1.5N/10	17.5 A	20	1985580000				
2-pole								
10-pole								
Screwable cross-connection								
2-pole					WQV 2.5/2	32 A	50	1053660000
10-pole					WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate								
dark beige	WAP WDK1.5/R3.5		20	1754200000	WAP WDK2.5		20	1059100000
Blue					WAP WDK2.5 BL		20	1059180000
dark beige					WTW EN		20	1058800000
End bracket								
dark beige	EW 15		50	0382860000	WEW 35/2		50	1061200000
Cover								
With lightning flash symbol					WAD 4 GE BED		50	1072000000
Blank, white					WAD 4 WS		50	1072100000
Marking tags								
	DEK 5/3.5 MC NE WS		500	1755270000	DEK 5/5 MC NE WS		1000	1609801044
					WS 8/5 MC NE WS		720	1640740000
	DEK 5/3.5 MM WS		1000	2007100000	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

WDK 2.5 ZQV — 2.5 mm²

Plug-in cross-connection

5.1 x 69 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	25	21
2.5	AWG 22...12	AWG 26...12	4 mm²
6 kV / 3			
A3 / V-0			
DEMKO15ATEX1346U			

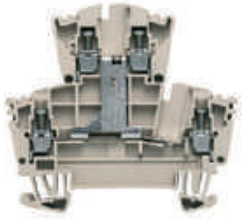
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5 ZQV	100	1041100000
WDK 2.5 ZQV BL	100	1041180000

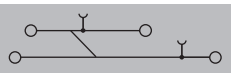
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDK2.5		20	1059100000
WAP WDK2.5 BL		20	1059180000
WTW EN		20	1058800000
WEW 35/2		50	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

WDK 2.5 V — 2.5 mm²

Both levels at one potential



5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	300	275
24	20	10	24
2.5	AWG 30...12	AWG 26...12	4 mm²
6 kV / 3			
A3 / V-0			
DEMKO15ATEX1346U			

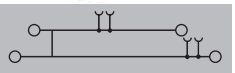
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5V	50	1022300000
WDK 2.5V BL	50	1022380000

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WAP WDK2.5 BL		20	1059180000
WTW EN		20	1058800000
WEW 35/2		50	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

WDK 2.5 V ZQV — 2.5 mm²

5.1 x 69.5 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	600	275
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm²
/ 3			
A3 / V-0			
DEMKO15ATEX1346U			

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

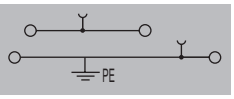
Type	Qty.	Order No.
WDK 2.5V ZQV	50	2739600000
WDK 2.5V ZQV BL	50	2739610000
WDK 2.5V ZQV OR	50	2732600000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDK2.5		20	1059100000
WAP WDK2.5 BL		20	1059180000
WTW EN		20	1058800000
WEW 35/2		50	1061200000
WAD 4 GE BED		50	1072000000
WAD 4 WS		50	1072100000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

WDK 2.5 DU-PE — 2.5 mm²

Lower level earthed on terminal rail

Width/Height/Depth	5.1 x 69.5 x 62.5 mm
max. current / max. cond. cross-section	32 / 4 A/mm²
Max. clamping range	0.05...4 mm²



IEC 60947-7-1 (-7-2) — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	20	23
2.5	AWG 22...12	AWG 22...12	4 mm²
6 kV / 3			
A3 / V-0			

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5DU-PE	50	1036400000
Blue			

Note

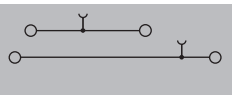
Accessories

	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK2.5		20	1059100000
Blue	WAP WDK2.5 BL		20	1059180000
dark beige	WTW EN		20	1058800000
End bracket				
dark beige	WEW 35/2		50	1061200000
Cover				
With lightning flash symbol	WAD 4 GE BED		50	1072000000
Blank, white	WAD 4 WS		50	1072100000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000
Plug-in cross-connection				
2-pole				
10-pole				

WDK 2.5N — 2.5 mm²

Plug-in cross-connection
Compact design

	5.1 x 61 x 62 mm
	28 / 4 A/mm²
	0.05...4 mm²



IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	20	21
2.5	AWG 26...12	AWG 26...12	4 mm²
8 kV / 3			
A3 / V-0			

DEMKO15ATEX1346U

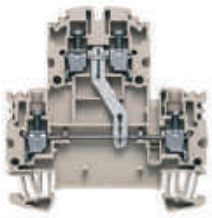
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 2.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type		Qty.	Order No.
WDK 2.5N		50	1041600000
WDK 2.5N BL		50	1041680000
WAP WDK2.5/4 N		20	1084000000
WAP WDK2.5/4 N BL		20	1084080000
WTW EN		20	1058800000
WEW 35/2		50	1061200000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000

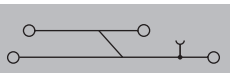
For detailed information on other accessories and application in the online catalogue

WDK 2.5N V — 2.5 mm²

Both levels at one potential
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800	600	300	550
24	20	20	24
2.5	AWG 26...12	AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			DEMKO15ATEX1346U

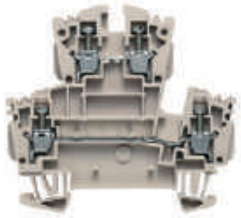
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5N V	50	**1041610000**

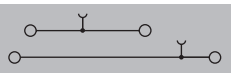
Type		Qty.	Order No.
WAP WDK2.5/4 N		20	**1084000000**
WAP WDK2.5/4 N BL		20	**1084080000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**

WDK 2.5 / 800 V — 2.5 mm²

Rated voltage 800 V



6.1 x 69 x 62.5
32 / 4
0.05...4



IEC 60947-7-1		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800			550
24			22
2.5		AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			DEMKO15ATEX1346U

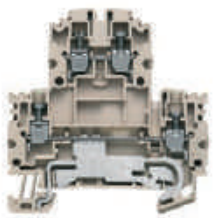
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5/EX	100	**1029100000**

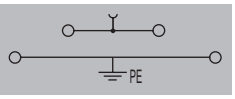
Type		Qty.	Order No.
Q 2 AKZ4SS	32 A	50	**0369000000**
Q 10 AKZ4SS	32 A	20	**0369300000**
WAP WDK2.5		20	**1059100000**
WAP WDK2.5 BL		20	**1059180000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
WAD 4 GE BED		50	**1072000000**
WAD 4 WS		50	**1072100000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**

WDK 2.5N DU-PE — 2.5 mm²

Lower level earthed on terminal rail
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1 (-7-2)		Ex eb II C Gb	II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**
800		300	550
24		20	24
2.5		AWG 26...12	4 mm²
	8 kV / 3		
	A3 / V-0		
			DEMKO15ATEX1346U

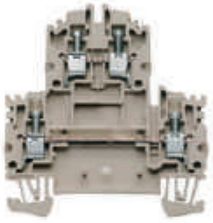
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

Type	Qty.	Order No.
WDK 2.5N DU-PE	50	**1041650000**

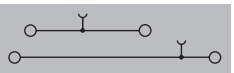
Type		Qty.	Order No.
WAP WDK2.5/4 N		20	**1084000000**
WAP WDK2.5/4 N BL		20	**1084080000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/10	24 A	20	**1527690000**

WDK 4N — 4 mm²

Solid/stranded
Flexible / flexible with wire-end ferrule



Width/Height/Depth	mm	6.1 x 60 x 63.25
max. current / max. cond. cross-section	A/mm²	**35 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

				Ex eb II C Gb	
IEC 60947-7-1					II 2 G D
Rated data	**IEC**	**UL**	**CSA**		**EN 60079-7**
Rated voltage	V	800	600	300	550
Rated current	A	32	35	30	30
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	6 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Approvals					DEMKO15ATEX1346U
Clamped conductors (H05V/H07V)		**Rated connection**		**Further connection**	
Solid / Stranded	mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Tightening torque / Clamping screw	Nm	0.5...1 / (M 3)			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / Stranded	-				
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 4N	50	**1041900000**
Blue	WDK 4N BL	50	**1041980000**

Note

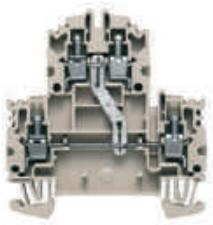
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP WDK2.5/4 N		20	**1084000000**
Blue	WAP WDK2.5/4 N BL		20	**1084080000**
dark beige	WTW EN		20	**1058800000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 8/6 PLUS MC NE WS		600	**1951880000**
	DEK 5/6 MM WS		600	**2007120000**

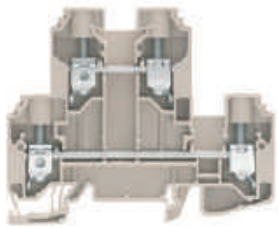
For detailed information on other accessories and application in the online catalogue

WDK 4N V — 4 mm²

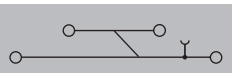
Both levels at one potential
Compact design

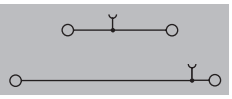


WDK 10 — 10 mm²



		WDK 4N V	WDK 10
Width/Height/Depth	mm	6.1 x 60.7 x 63.25	9.9 x 85 x 69
max. current / max. cond. cross-section	A/mm²	**35 / 6**	**70 / 16**
Max. clamping range	mm²	**0.13...6**	**1.5...16**





Technical data

		WDK 4N V				WDK 10			
Rated data									
Rated voltage	V	IEC 60947-7-1				IEC 60947-7-1			
Rated current	A								
for wire cross-section	mm²								
Rated impulse withstand voltage / Pollution severity									
Gauge to IEC 60947-1 / UL 94 flammability rating									
Approvals									
Clamped conductors (H05V/H07V)									
Solid / Stranded	mm²								
Flexible / Flexible with ferrule	mm²								
Tightening torque / Clamping screw	Nm								
Stripping length / Blade size	mm/-								
2 conductors with same cross-section (H05V/H07V)									
Solid / Stranded	-								
Flexible / Flexible with ferrule	mm²								

	WDK 4N V				WDK 10			
	Ex eb II C Gb Ex II 2 G D							
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
	800	600	300	550	800	600	600	
	32	35	30	30	57	64	64	
	4	AWG 26...10	AWG 26...10	6 mm²	10	AWG 18...6	AWG 18...6	
			8 kV / 3				8 kV / 3	
			A4 / V-0				B6 / V-0	
			DEMKO15ATEX1346U					
	Rated connection		**Further connection**		**Rated connection**		**Further connection**	
	0.5...6 / 1.5...6				1.5...16 / 1.5...16			
	0.5...4 / 0.5...4				1.5...16 / 1.5...16			
	0.5...1 / (M 3)				1.2...1.9 / (M 4)			
	8 / 0.6 x 3.5 mm				12 / 1.0 x 5.5 mm			
	0.5...1.5 / 0.5...1.5							

		WDK 4N V	WDK 10
Note			

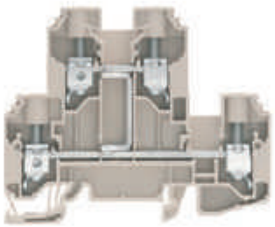
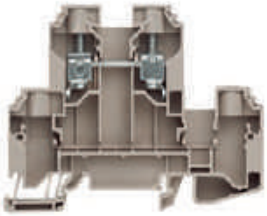
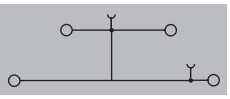
Ordering data

		WDK 4N V			WDK 10		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
	dark beige	WDK 4N V	50	**1041910000**	WDK 10	50	**1186740000**
	Blue				WDK 10 BL	50	**1186750000**
	dark beige / blue						
Note							

Accessories

		WDK 4N V				WDK 10			
Plug-in cross-connection		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
	2-pole	ZQV 4N/2	32 A	60	**1527930000**				
	10-pole	ZQV 4N/10	32 A	20	**1528090000**				
End plate / Partition plate									
	dark beige	WAP WDK2.5/4 N		20	**1084000000**	WAP WDK10		20	**1186720000**
	Blue	WAP WDK2.5/4 N BL		20	**1084080000**	WAP WDK10 BL		20	**1186730000**
	dark beige	WTW EN		20	**1058800000**				
End bracket									
	dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Marking tags									
		DEK 5/6 MC NE WS		1000	**1609820000**	DEK 5/5 MC NE WS		1000	**1609801044**
		WS 8/6 PLUS MC NE WS		600	**1951880000**				
		DEK 5/5 MM WS		800	**2007110000**				
Screwable cross-connection									
	2-pole					WQV 10/2	76 A	50	**1052560000**
	10-pole					WQV 10/10	63 A	20	**1052460000**
Cover									
	Blank, white					WAD 8 MC NE WS		48	**1112940000**
	Blank, yellow					WAD 8 MC NE GE		48	**1112950000**
Screwdriver									
	Standard					SDS 1.0X5.5X150		1	**2749380000**

For detailed information on other accessories and application in the online catalogue

	WDK 10 V	10 mm²	WDK 10 L	10 mm²
				
Width/Height/Depth mm	9.9 x 85 x 69		9.9 x 85 x 69	
max. current / max. cond. cross-section A/mm²	**73 / 16**		**70 / 16**	
Max. clamping range mm²	**1.5...16**		**1.5...16**	

Technical data

	WDK 10 V	WDK 10 L
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Tightening torque / Clamping screw Nm		
Stripping length / Blade size mm/-		
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -		
Flexible / Flexible with ferrule -		

IEC	UL	CSA	EN 60079-7
800	600	600	
57	49	49	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

IEC	UL	CSA	EN 60079-7
800		1000	
57		70	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 10 V	50	**1186770000**
Blue	WDK 10 V BL	50	**1186780000**
dark beige / blue			

Type	Qty.	Order No.
WDK 10 L	50	**1415510000**

Note

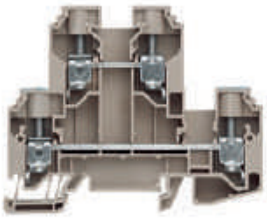
Accessories

Plug-in cross-connection	Type	Qty.	Order No.
2-pole			
10-pole			
End plate / Partition plate			
dark beige	WAP WDK10	20	**1186720000**
Blue	WAP WDK10 BL	20	**1186730000**
dark beige			
End bracket			
dark beige	WEW 35/2	50	**1061200000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
Screwable cross-connection			
2-pole	WQV 10/2 76 A	50	**1052560000**
10-pole	WQV 10/10 63 A	20	**1052460000**
Cover			
Blank, white	WAD 8 MC NE WS	48	**1112940000**
Blank, yellow	WAD 8 MC NE GE	48	**1112950000**
Screwdriver			
Standard	SDS 1.0X5.5X150	1	**2749380000**

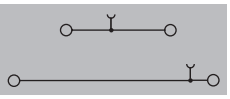
Plug-in cross-connection	Type	Qty.	Order No.
2-pole			
10-pole			
End plate / Partition plate			
dark beige	WAP WDK10	20	**1186720000**
Blue	WAP WDK10 BL	20	**1186730000**
dark beige			
End bracket			
dark beige	WEW 35/2	50	**1061200000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
Screwable cross-connection			
2-pole	WQV 10/2 76 A	50	**1052560000**
10-pole	WQV 10/10 63 A	20	**1052460000**
Cover			
Blank, white	WAD 8 MC NE WS	48	**1112940000**
Blank, yellow	WAD 8 MC NE GE	48	**1112950000**
Screwdriver			
Standard	SDS 1.0X5.5X150	1	**2749380000**

For detailed information on other accessories and application in the online catalogue

WDK 10 DU-N — 10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1

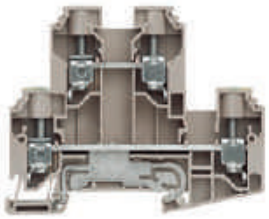
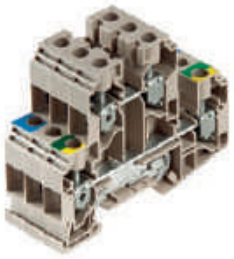
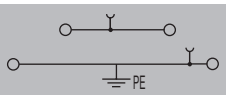
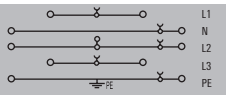
IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 DU-N	50	**1415520000**

Type		Qty.	Order No.
WAP WDK10		20	**1186720000**
WAP WDK10 BL		20	**1186730000**
WEW 35/2		50	**1061200000**
DEK 5/5 MC NE WS		1000	**1609801044**
WQV 10/2	76 A	50	**1052560000**
WQV 10/10	63 A	20	**1052460000**
WAD 8 MC NE WS		48	**1112940000**
WAD 8 MC NE GE		48	**1112950000**
SDS 1.0X5.5X150		1	**2749380000**

Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

	WDK 10 DU-PE	10 mm²	WDK 10 SET BCD	10 mm²
				
Width/Height/Depth mm	9.9 x 85 x 69		29.7 x 85 x 69	
max. current / max. cond. cross-section A/mm²	**70 / 16**		**70 / 16**	
Max. clamping range mm²	**1.5...16**		**1.5...16**	

Technical data

	WDK 10 DU-PE	WDK 10 SET BCD
Rated data		
Rated voltage V	IEC 60947-7-1 (-7-2)	IEC 60947-7-1 (-7-2)
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Tightening torque / Clamping screw Nm		
Stripping length / Blade size mm/-		
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -		
Flexible / Flexible with ferrule -		

IEC	UL	CSA	EN 60079-7
800	600	600	
57	40	40	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

Note

Ordering data

Version	WDK 10 DU-PE Type	Qty.	Order No.	WDK 10 SET BCD Type	Qty.	Order No.
dark beige						
with PE foot						
dark beige / green / yellow	WDK 10 DU-PE	50	**1415480000**	WDK 10 SET BCD	1	**1415540000**

Note

Accessories

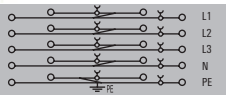
	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	WQV 10/2	76 A	50	**1052560000**
10-pole	WQV 10/10	63 A	20	**1052460000**
End plate / Partition plate				
dark beige	WAP WDK10		20	**1186720000**
Blue	WAP WDK10 BL		20	**1186730000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
dark beige, screwable				
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Cover				
Blank, white	WAD 8 MC NE WS		48	**1112940000**
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
Cross-connector				
black				
blue				
red				

Accessories	WDK 10 DU-PE Type		Qty.	Order No.	WDK 10 SET BCD Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 10/2	76 A	50	**1052560000**	WQV 10/2	76 A	50	**1052560000**
10-pole	WQV 10/10	63 A	20	**1052460000**	WQV 10/10	63 A	20	**1052460000**
End plate / Partition plate								
dark beige	WAP WDK10		20	**1186720000**	WAP WDK10		20	**1186720000**
Blue	WAP WDK10 BL		20	**1186730000**	WAP WDK10 BL		20	**1186730000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
dark beige, screwable								
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Cover								
Blank, white	WAD 8 MC NE WS		48	**1112940000**	WAD 8 MC NE WS		48	**1112940000**
Blank, yellow	WAD 8 MC NE GE		48	**1112950000**	WAD 8 MC NE GE		48	**1112950000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
Cross-connector								
black								
blue								
red								

For detailed information on other accessories and application in the online catalogue

WDK 10 SET LS — 10 mm²

49.5 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1 (-7-2)

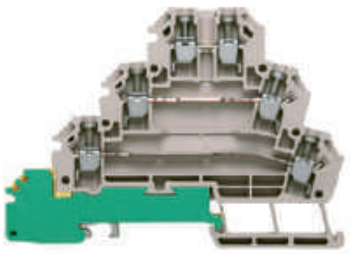
IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
	8 kV / 3		
	B6 / V-0		

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
1.2...1.9 / (M 4)	
12 / 1.0 x 5.5 mm	

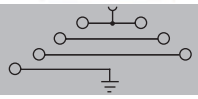
Type	Qty.	Order No.
WDK 10 SET LS	1	1415530000

Type		Qty.	Order No.
WQV 10/2	76 A	50	1052560000
WQV 10/10	63 A	20	1052460000
WAP WDK10		20	1186720000
WAP WDK10 BL		20	1186730000
WEW 35/2		50	1061200000
SDS 1.0X5.5X150		1	2749380000
WAD 8 MC NE WS		48	1112940000
WAD 8 MC NE GE		48	1112950000
DEK 5/5 MC NE WS		1000	1609801044

MAK 2.5 — 2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

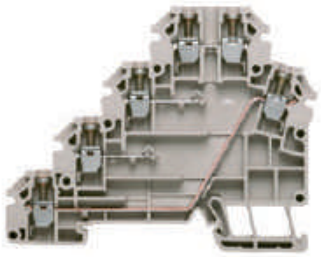
IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

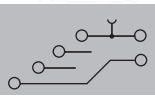
Type	Qty.	Order No.
MAK 2.5 DB	50	7917030000

Type		Qty.	Order No.
AP MAK2.5 DB		20	7917000000
WEW 35/1		50	1059000000
SDIS 0.6X3.5X100		1	2749810000
DEK 5/5 MC NE WS		1000	1609801044
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 BL	17.5 A	5	1633280000
VQB 1.5/50 RT	17.5 A	5	1633290000

VLI 1.5 — 1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



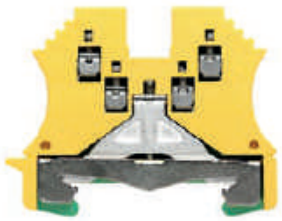
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
	4 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
VLI 1.5 DB	50	1784120000
VLI 1.5/PE DB	50	1784130000

Type		Qty.	Order No.
AP VLI1.5 DB		20	1784150000
WEW 35/1		50	1059000000
SDIS 0.6X3.5X100		1	2749810000
DEK 5/5 MC NE WS		1000	1609801044
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 BL	17.5 A	5	1633280000
VQB 1.5/50 RT	17.5 A	5	1633290000

		WPE 1.5/R3.5	1.5 mm²	WPE 1.5/ZZ	1.5 mm²
		Protective earth terminal for TS 15		Twin connection	
					
Width/Height/Depth	mm	3.5 x 24.5 x 24		5.1 x 60 x 46.5	
max. current / max. cond. cross-section	-/mm²	/ 1.5		/ 2.5	
Max. clamping range	mm²	0.13...1.5		0.13...2.5	

Technical data

Rated data							
for wire cross-section	mm²	IEC 60947-7-2	IEC	UL	CSA	EN 60079-7	
Rated voltage to adjoining terminal	V		1.5	AWG 26...18	AWG 26...18	2.5 mm²	
Rated impulse withstand voltage to adjacent terminal	kV		400				
Rated short-time current			6				
Pollution severity			180 A (1.5 mm²)				
Gauge to IEC 60947-1 / UL 94 flammability rating			3				
Approvals			A1 / V-0				
Clamped conductors (H05V/H07V)							
Solid / Stranded	mm²		**Rated connection**				
Flexible / Flexible with ferrule	mm²		0.5...1.5 / 1.5...1.5				
Tightening torque / Clamping screw	Nm		0.5...1.5 / 0.5...0.5				
Tightening torque for fixing screw			0.3...0.3 / (M 2)				
Stripping length / Blade size	mm						
			7 / 0.4 x 2.5 mm				
Note							

Rated data							
for wire cross-section	mm²	IEC 60947-7-2	IEC	UL	CSA	EN 60079-7	
Rated voltage to adjoining terminal	V		1.5	AWG 26...14	AWG 26...14	2.5 mm²	
Rated impulse withstand voltage to adjacent terminal	kV		800				
Rated short-time current			8				
Pollution severity			180 A (1.5 mm²)				
Gauge to IEC 60947-1 / UL 94 flammability rating			3				
Approvals			A1 / V-0				
Clamped conductors (H05V/H07V)							
Solid / Stranded	mm²		**Rated connection**				
Flexible / Flexible with ferrule	mm²		0.5...2.5 / 1.5...2.5				
Tightening torque / Clamping screw	Nm		0.5...1.5 / 0.5...1.5				
Tightening torque for fixing screw			0.4...0.6 / (M 2.5)				
Stripping length / Blade size	mm		0.4...0.6 Nm				
			7 / 0.6 x 3.5 mm				
Note							

Ordering data

Version		Type	Qty.	Order No.
	Green/yellow			
	green/yellow	WPE 1.5/R3.5	50	**1798460000**
Note				

Type	Qty.	Order No.
WPE 1.5/ZZ	50	**1016500000**

Accessories

End plate / Partition plate		Type	Qty.	Order No.
	dark beige	WAP WDU1.5/R3.5	20	**1754190000**
End bracket				
	dark beige	EW 15	50	**0382860000**
Screwdriver				
	Standard			
Marking tags				
		DEK 5/3.5 MC NE WS	500	**1755270000**
		DEK 5/3.5 MM WS	1000	**2007100000**

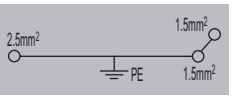
Type	Qty.	Order No.
WAP 2.5-10	50	**1050000000**
WEW 35/2	50	**1061200000**
SDS 0.6X3.5X100	1	**2749340000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/5 MC NE WS	720	**1609860000**
DEK 5/5 MM WS	800	**2007110000**
WS 8/5 MM WS	800	**2007150000**

For detailed information on other accessories and application in the online catalogue

WPE 2.5/1.5/ZR — 2.5 mm²

Supplementary connection, right 1.5 mm²

5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
0.4...0.6 Nm
10 / 0.6 x 3.5 mm

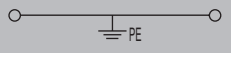
Type	Qty.	Order No.
WPE 2.5/1.5/ZR	50	1016400000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

AKE 2.5 — 2.5 mm²

Protective earth terminal for TS 15

5.1 x 28 x 26
/ 4
0.13...4



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

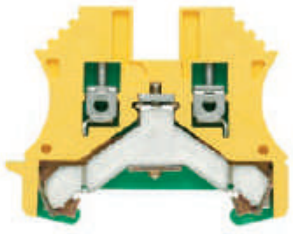
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm²
250			
4			
300 A (2.5 mm²)			
3			
A3 / V-2			

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 3.0 x 0.5 mm

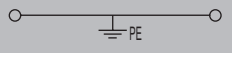
Type	Qty.	Order No.
AKE 2.5	100	1303360000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
EW 15	50	0382860000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044

WPE 2.5 — 2.5 mm²



5.1 x 60 x 46.5
/ 4
0.05...4



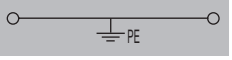
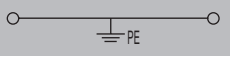
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm²
800			
8			
300 A (2.5 mm²)			
3			
A3 / V-0			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 2.5	100	1010000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

	WPE 2.5N	AKE 4
	2.5 mm²	4 mm²
	Compact design	Protective earth terminal for TS 15
Width/Height/Depth mm	5.1 x 54 x 37	6.1 x 27 x 29
max. current / max. cond. cross-section -/mm²	/ 4	/ 4
Max. clamping range mm²	0.05...4	0.13...4
		

Technical data

	WPE 2.5N	AKE 4
Rated data		
for wire cross-section mm²	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal V	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
Rated impulse withstand voltage to adjacent terminal kV	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
	2.5 / AWG 26...12 / AWG 26...12 / 2.5 mm²	4 / AWG 26...12 / AWG 26...12 / 4 mm²
	500	500
	6	6
Rated short-time current	300 A (2.5 mm²)	480 A (4 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.5...1 / (M 3)
Tightening torque for fixing screw	0.4...0.6 Nm	
Stripping length / Blade size mm	10 / 0.6 x 3.5 mm	9 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow						
green/yellow	WPE 2.5N	50	1016200000	AKE 4	100	0380260000
Note						

Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate / Partition plate						
dark beige	WAP WDU2.5N/4N	50	1060000000	AP AKZ4	20	0294460000
End bracket						
dark beige	WEW 35/2	50	1061200000	EW 15	50	0382860000
Screwdriver						
Standard	SDS 0.6X3.5X100	1	2749340000	SDS 0.6X3.5X100	1	2749340000
Marking tags						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/6 MC NE WS	1000	1609820000
	WS 12/5 MC NE WS	720	1609860000			
	DEK 5/5 MM WS	800	2007110000	DEK 5/6 MM WS	600	2007120000
	WS 8/5 MM WS	800	2007150000			

For detailed information on other accessories and application in the online catalogue

WPE 4 — 4 mm²

6.1 x 56 x 46.5
/ 6
0.13...6

IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

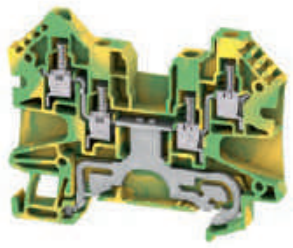
Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1 / (M 3)
0.4...0.8 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4	100	1010100000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

WPE 4/ZZ — 4 mm²

Twin connection



6.1 x 70 x 53
/ 6
0.05...6

IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 / (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZZ	50	1905130000

Type	Qty.	Order No.
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

WPE 4/ZR — 4 mm²

Additional connection, right side

6.1 x 63.5 x 52.8
/ 6
0.05...6

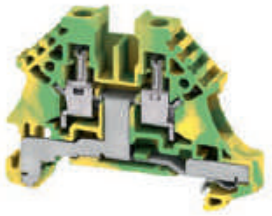
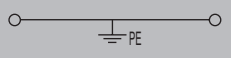
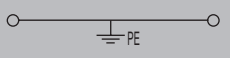
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm²
800			
8			
480 A (4 mm²)			
3			
A4 / V-0			

Rated connection
0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...0.8 / (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZR	50	1905120000

Type	Qty.	Order No.
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

	WPE 4N	WPE 6
	4 mm²	6 mm²
	Compact design	
		
Width/Height/Depth mm	6.1 x 50 x 37	7.9 x 56 x 46.5
max. current / max. cond. cross-section -/mm²	/ 6	/ 10
Max. clamping range mm²	0.13...6	0.08...10
		
	IEC 60947-7-2 Ex eb II C Gb II 2 G D	IEC 60947-7-2 Ex eb II C Gb II 2 G D

Technical data

Rated data	WPE 4N	WPE 6
for wire cross-section mm²	4	6
Rated voltage to adjoining terminal V	500	800
Rated impulse withstand voltage to adjacent terminal kV	6	8
Rated short-time current	480 A (4 mm²)	720 A (6 mm²)
Pollution severity	3	3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A5 / V-0
Approvals		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm²	6	AWG 20...8	AWG 20...8	6 mm²

Clamped conductors (H05V/H07V)	WPE 4N	WPE 6
Solid / Stranded mm²	0.5...6 / 1.5...6	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...10 / 0.5...6
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)	0.8...1.3 / (M 3)
Tightening torque for fixing screw		0.5...1.0 Nm
Stripping length / Blade size mm	10 / 0.6 x 3.5 mm	12 / 4.0 x 0.8 mm

Rated connection	WPE 4N	WPE 6
	0.5...6 / 1.5...6	0.5...10 / 1.5...10
	0.5...4 / 0.5...4	0.5...10 / 0.5...6
	0.5...1 / (M 3)	0.8...1.3 / (M 3)
		0.5...1.0 Nm
	10 / 0.6 x 3.5 mm	12 / 4.0 x 0.8 mm

Note

Ordering data

Version	WPE 4N	WPE 6
	green/yellow	

Type	Qty.	Order No.	Type	Qty.	Order No.
WPE 4N	50	1042700000	WPE 6	50	1010200000

Note

Accessories

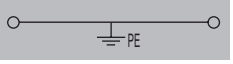
	WPE 4N	WPE 6
End plate / Partition plate	dark beige	
End bracket	dark beige	dark beige
	dark beige, screwable	
Screwdriver	Standard	
Marking tags		
PEN bridge		

Type	Qty.	Order No.	Type	Qty.	Order No.
WAP WDU2.5N/4N	50	1060000000			
WEW 35/2	50	1061200000	WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000	SDS 0.8X4.0X100	1	2749360000
DEK 5/6 MC NE WS	1000	1609820000	DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000	WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000	DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

WPE 10 — 10 mm²

9.9 x 56 x 46.5
/ 16
1.31...16



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10 mm²
800			
8			
1200 A (10 mm²)			
3			
B6 / V-0			

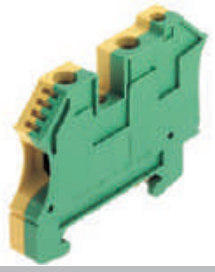
Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...2.4 / (M 4)
0.5...1.0 Nm
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WPE 10	50	**1010300000**

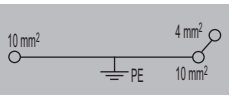
Type	Qty.	Order No.
WEW 35/2	50	**1061200000**
SDS 1.0X5.5X150	1	**2749380000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/6.5 MC NE WS	540	**1609920000**
WQB-PEN 10	57 A 10	**1060300000**

WPE 10/ZR — 10 mm²

Additional connection on right 4 mm²



9.9 x 66 x 49
/ 16
1.31...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 14...6	
1000			
8			
1200 A (10 mm²)			
3			
B6, A4 / V-0			

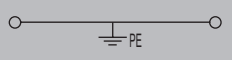
Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.9 / (M 4)
0.5...1.0 Nm
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 10/ZR	50	**1042500000**

Type	Qty.	Order No.
WEW 35/2	50	**1061200000**
SDS 0.6X3.5X100	1	**2749340000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/6.5 MC NE WS	540	**1609920000**
WQB-PEN 10	57 A 10	**1060300000**

WPE 16 — 16 mm²

11.9 x 56 x 62.5
/ 25
1.5...25



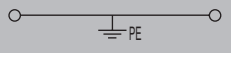
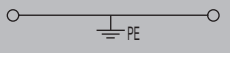
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...6	16 mm²
1000			
8			
1920 A (16 mm²)			
3			
B7 / V-0			

Rated connection
1.5...16 / 1.5...25
1.5...25 / 1.5...16
2...3.6 / (M 5)
1.2...2.4 Nm
16 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WPE 16	50	**1010400000**

Type	Qty.	Order No.
WEW 35/1	50	**1059000000**
SDS 1.0X5.5X150	1	**2749380000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 12/6.5 MC NE WS	540	**1609920000**
WQB-PEN 16	76 A 10	**1060200000**

	WPE 16N	WPE 35
	16 mm²	35 mm²
	Compact design	
Width/Height/Depth	12 x 56 x 46.5	16 x 56 x 62.5
max. current / max. cond. cross-section	/ 25	/ 35
Max. clamping range	1.5...25	2.5...35
		

Technical data

	WPE 16N	WPE 35
Rated data		
for wire cross-section	IEC 60947-7-2	IEC 60947-7-2
Rated voltage to adjoining terminal		Ex eb II C Gb II 2 G D
Rated impulse withstand voltage to adjacent terminal	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated short-time current	16 / AWG 14...6 / AWG 14...6 /	35 / AWG 12...2 / AWG 12...2 / 35 mm²
Pollution severity	400	800
Gauge to IEC 60947-1 / UL 94 flammability rating	6	8
Approvals	1920 A (16 mm²)	4200 A (35 mm²)
	3	3
	B7 / V-0	B8 / V-0
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded	1.5...16 / 1.5...25	2.5...50 / 2.5...50
Flexible / Flexible with ferrule	1.5...16 / 4...16	2.5...35 / 2.5...35
Tightening torque / Clamping screw	1.2...2.4 / (M 4)	4...5 / (M 6)
Tightening torque for fixing screw	0.5...1.0 Nm	1.2...2.4 Nm
Stripping length / Blade size	12 / 1.0 x 5.5 mm	18 / 6.5 x 1.2 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow						
green/yellow	WPE 16N	50	1019100000	WPE 35	25	1010500000
Note						

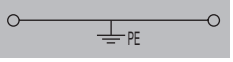
Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
PEN bridge	WQV 16N-PEN BL 76 A	10	1071360000	WQB-PEN 35 135 A	10	1060100000
End bracket						
dark beige	WEW 35/2	50	1061200000			
dark beige, screwable				WEW 35/1	50	1059000000
Screwdriver						
Standard	SDS 1.0X5.5X150	1	2749380000	SDS 1.2X6.5X150	1	2749390000
Marking tags						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/6.5 MC NE WS	540	1609920000	WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WPE 35/IKSC — 35 mm²

16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
5/ (M 6)
1.2...2.4 Nm
18 / S4 (DIN 6911)

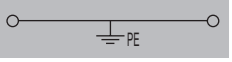
Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WQB-PEN 35 135 A	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WPE 35N — 35 mm²

Compact design

16 x 66 x 50.5
/ 50
2.5...50



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm²
400			
6			
4200 A (35 mm²)			
3			
B8 / V-0			

Rated connection
2.5...16 / 2.5...50
2.5...35 / 2.5...35
4...5 / (M 6)
1.2...2.4 Nm
18 / 6.5 x 1.2 mm

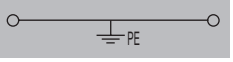
Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WPE 50N — 50 mm²

Compact design

18.5 x 71 x 69.6
/ 70
5.26...70



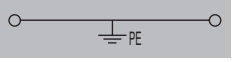
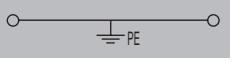
IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm²
1000			
8			
6000 A (50 mm²)			
3			
B10 / V-0			

Rated connection
10...16 / 10...70
10...50
4...6 / (M 6)
3.0...4.0 Nm
24 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQV PEN 50N 150 A	5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

		WPE 70N/35	70 mm²	WPE 95N/120N	95 mm²
		Compact design		Compact design	
Width/Height/Depth	mm	20.5 x 75 x 85		27 x 91 x 90	
max. current / max. cond. cross-section	-/mm²	/ 95		/ 150	
Max. clamping range	mm²	16...95		16...150	
					
		IEC 60947-7-2 Ex eb II C Gb Ex II 2 G D		IEC 60947-7-2 Ex eb II C Gb Ex II 2 G D	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section	70	AWG 6...0	AWG 6...0	70 mm²
Rated voltage to adjoining terminal	1000			
Rated impulse withstand voltage to adjacent terminal	8			
Rated short-time current	8400 A (70 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B11 / V-0			
Approvals				
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	16...16 / 16...95			
Flexible / Flexible with ferrule mm²	16...70 / 16...50			
Tightening torque / Clamping screw Nm	8...12 / (M 8)			
Tightening torque for fixing screw	2.0...4.0 Nm			
Stripping length / Blade size mm	22 / S6 (DIN 6911)			

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section	95	AWG 4...0	AWG 4...0	120 mm²
Rated voltage to adjoining terminal	1000			
Rated impulse withstand voltage to adjacent terminal	8			
Rated short-time current	11400 A (95 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B13 / V-0			
Approvals				
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	16...16 / 16...150			
Flexible / Flexible with ferrule mm²	16...120			
Tightening torque / Clamping screw Nm	16...20 / (M 10)			
Tightening torque for fixing screw	3.0...4.0 Nm			
Stripping length / Blade size mm	27 / S6 (DIN 6911)			

Note	

Ordering data

Version	Type	Qty.	Order No.
Green/yellow			
green/yellow	WPE 70N/35	10	9512200000
Note			

Version	Type	Qty.	Order No.
Green/yellow			
green/yellow	WPE 95N/120N	5	1846030000
Note			

Accessories

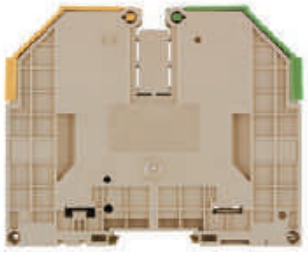
PEN bridge	Type		Qty.	Order No.
	WQV 70N-PEN	192 A	5	9525840000
End bracket				
dark beige				
dark beige, screwable	WEW 35/1		50	1059000000
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	9008870000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000

PEN bridge	Type		Qty.	Order No.
	WQV PEN 95N/120N	269 A	5	9201630000
End bracket				
dark beige				
dark beige, screwable	WEW 35/1		50	1059000000
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	9008870000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000

For detailed information on other accessories and application in the online catalogue

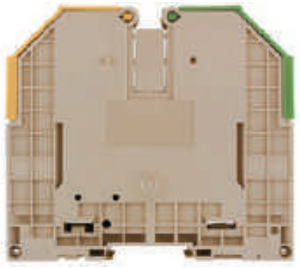
WPE 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring

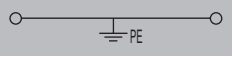


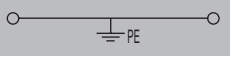
WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm	27 x 132 x 107	32 x 132 x 117
max. current / max. cond. cross-section	-/mm²	/ 120	/ 150
Max. clamping range	mm²	13.3...120	33.62...150





Technical data

Rated data							
for wire cross-section	mm²	IEC 60947-7-2	IEC	UL	CSA	EN 60079-7	
Rated voltage to adjoining terminal	V		95	AWG 6...0	AWG 6...0	95 mm²	
Rated impulse withstand voltage to adjacent terminal	kV		1000				
Rated short-time current			8				
Pollution severity			11400 A (95 mm²)				
Gauge to IEC 60947-1 / UL 94 flammability rating			3				
Approvals			B12 / V-0				
Clamped conductors (H05V/H07V)							
Solid / Stranded	mm²		**Rated connection**				
Flexible / Flexible with ferrule	mm²		16...16 / 16...120				
Tightening torque / Clamping screw	Nm		16...95 / 35...50				
Tightening torque for fixing screw			6...12 / (M 8)				
Stripping length / Blade size	mm		3.0...6.0 Nm				
			30 / S6 (DIN 6911)				

Rated data							
for wire cross-section	mm²	IEC 60947-7-2	IEC	UL	CSA	EN 60079-7	
Rated voltage to adjoining terminal	V		120	AWG 2...250	AWG 2...250	150 mm²	
Rated impulse withstand voltage to adjacent terminal	kV		1000				
Rated short-time current			8				
Pollution severity			14400 A (120 mm²)				
Gauge to IEC 60947-1 / UL 94 flammability rating			3				
Approvals			B13 / V-0				
Clamped conductors (H05V/H07V)							
Solid / Stranded	mm²		**Rated connection**				
Flexible / Flexible with ferrule	mm²		/ 35...150				
Tightening torque / Clamping screw	Nm		35...150 / 35...50				
Tightening torque for fixing screw			10...20 / (M 10)				
Stripping length / Blade size	mm		3.0...6.0 Nm				
			35 / S6 (DIN 6911)				

Note

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WPE 70/95	10	**1037300000**

Note

Type	Qty.	Order No.
WPE 120/150	10	**1019700000**

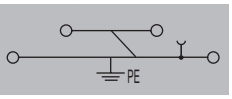
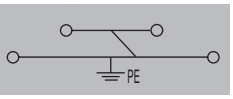
Accessories

PEN bridge	Type		Qty.	Order No.
	WQV 70/95-PEN	232 A	5	**1072300000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Screwdriver				
Standard	SKS 2,0-8,0 MR		1	**9008870000**

Type		Qty.	Order No.
WQV 120-PEN	292 A	5	**1072400000**
WEW 35/1		50	**1059000000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
SKS 2,0-8,0 MR		1	**9008870000**

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)
PE terminal blocks

	WDK 2.5 PE	WDK 2.5N PE
	2.5 mm²	2.5 mm²
		Compact design
Width/Height/Depth mm	5.1 x 69.5 x 62.5	5.1 x 60.7 x 54.95
max. current / max. cond. cross-section -/mm²	/ 4	/ 4
Max. clamping range mm²	0.05...4	0.05...4
		
	IEC 60947-7-2	IEC 60947-7-2
	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	2.5	AWG 22...12	AWG 26...12	4 mm²
Rated voltage to adjoining terminal V	400			
Rated impulse withstand voltage to adjacent terminal kV	6			
Rated short-time current	300 A (2.5 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0			
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)			
Stripping length / Blade size mm	10 / 0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	2.5		AWG 26...12	4 mm²
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current	300 A (2.5 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0			
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)			
Stripping length / Blade size mm	8 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
green/yellow	WDK 2.5PE	50	1036300000
Note			

Version	Type	Qty.	Order No.
green/yellow	WDK 2.5N PE	50	1041620000
Note			

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK2.5		20	1059100000
Blue				
dark beige				
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000
Cover				
Blank, white				
Blank, yellow				

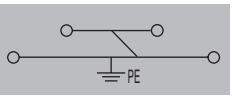
Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

WDK 4N PE — 4 mm²

Compact design

6.1 x 60.7 x 63.25
/ 6
0.13...6



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

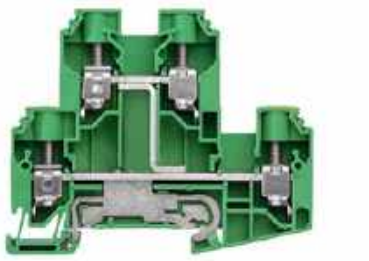
IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm²
800			
8			
480 A (4 mm²)			
3			
A3 / V-0			

Rated connection
0.5...6 / 1.5...6
0.5...4 / 1.5...4
0.5...1 / (M 3)
8 / 0.6 x 3.5 mm

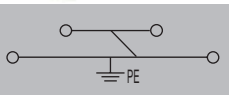
Type	Qty.	Order No.
WDK 4N PE	50	1041920000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

WDK 10 PE — 10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 18...6	AWG 18...6	
800			
8			
1200 A (10 mm²)			
3			
B6 / V-0			

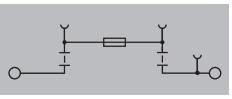
Rated connection
1.5...16 / 1.5...16
1.5...16 / 1.5...16
1.2...1.9 / (M 4)
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WDK 10 PE	50	1415470000

Type		Qty.	Order No.
WQV 10/2	76 A	50	1052560000
WQV 10/10	63 A	20	1052460000
WAP WDK10		20	1186720000
WAP WDK10 BL		20	1186730000
WEW 35/2		50	1061200000
SDS 1.0X5.5X150		1	2749380000
DEK 5/5 MC NE WS		1000	1609801044
WAD 8 MC NE WS		48	1112940000
WAD 8 MC NE GE		48	1112950000

WFS 4 — 4 mm²

Width/Height/Depth	6.1 x 62.5 x 75 mm
max. current / max. cond. cross-section	**6.3 / 6** A/mm²
Max. clamping range	**0.22...6** mm²



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	10	10	6.3
4	AWG 22...10	AWG 22...10	6 mm²
	6 kV / 3		
	V-0		
			TÜV20ATEX8502U

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 / (M 3)
0.6 x 3.5 mm

Ordering data

Version	Type	Qty.	Order No.
black, 500 V AC/DC, without LED	WFS 4	50	**2561900000**
blue, 500 V AC/DC, without LED	WFS 4 BL	50	**2562000000**
dark beige, 500 V AC/DC, without LED	WFS 4 DB	50	**2562050000**

Note

Accessories

End bracket	Type	Qty.	Order No.
dark beige	WEW 35/2	50	**1061200000**
Screwdriver			
With "swifty set" cutting device	SWIFTY SET	1	**9006060000**
Standard	SDS 0.6X3.5X100	1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)			
0.25 A fast	G 20/0.25A/F 0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F 0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F 1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F 2 A	10	**0430900000**
Marking tags			
	DEK 5/6 MC NE WS	1000	**1609820000**
	WS 12/6 MC NE WS	600	**1609900000**

For detailed information on other accessories and application in the online catalogue

WFS 4

Overload and short-circuit protection

Type	Order No.
WFS 4 10-36V	**2562070000**

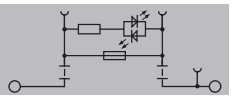
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

WFS 4 LED | 4 mm²

WFS 4 LED

Overload and short-circuit protection

Width/Height/Depth	mm	6.1 x 62.5 x 75
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**
Max. clamping range	mm²	**0.22...6**



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	10	10	
4	AWG 22...10	AWG 22...10	6 mm²
	6 kV / 3		
	V-0		
			TÜV20ATEX8502U

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
0.5...0.6 / (M 3)
0.6 x 3.5 mm

Type	Order No.
WFS 4	**2561900000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

Ordering data

Version
10–36 V AC/DC, with LED
30–70 V AC/DC, with LED
60–150 V AC/DC, with LED
100 – 250 V AC/DC, with LED

Note

Type	Qty.	Order No.
WFS 4 10-36V	50	**2562070000**
WFS 4 30-70V	50	**2561990000**
WFS 4 60-150V	50	**2561970000**
WFS 4 100-250V	50	**2561960000**

Accessories

End plate / Partition plate
dark beige
End bracket
dark beige
Screwdriver
With "swifty set" cutting device
Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)
0.25 A fast
0.50 A fast
1.00 A fast
Marking tags

Type		Qty.	Order No.
WAP 2.5-10		50	**1050000000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
G 20/0.25A/F	0.25 A	10	**0430500000**
G 20/0.50A/F	0.5 A	10	**0430600000**
G 20/1.00A/F	1 A	10	**0430700000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**

For detailed information on other accessories and application in the online catalogue

WSI 4 — 4 mm²

Width/Height/Depth	8 x 50.7 x 42.5 mm
max. current / max. cond. cross-section	**6.3 / 4** A/mm²
Max. clamping range	**0.5...4** mm²

Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	300 (C)	300 (C)	
Rated current	6.3	15	15	
for wire cross-section	4	AWG 30...12	AWG 30...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4
Tightening torque / Clamping screw Nm	0.4...0.4 / (M 3)
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4	50	1886580000
10–36 V AC/DC, with LED	WSI 4/LD 10-36V AC/DC	50	1886590000
30–70 V AC/DC, with LED	WSI 4/LD 30-70V AC/DC	50	1886560000
60–150 V AC/DC, with LED	WSI 4/LD 60-150V AC/DC	50	1886570000
140–250 V AC/DC, with LED	WSI 4/LD 140-250V AC/DC	50	1886550000

Note

Accessories

End bracket			
dark beige	WEW 35/2	50	1061200000
Screwdriver			
With "swifty set" cutting device	SWIFTY SET	1	9006060000
Standard	SDS 0.6X3.5X100	1	2749340000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)			
0.25 A fast	G 20/0.25A/F 0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F 0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F 1 A	10	0430700000
2.00 A fast	G 20/2.00A/F 2 A	10	0430900000
Marking tags			
	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

WSI 4

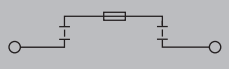
Overload and short-circuit protection

Type	Order No.
WSI 4	1886580000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

WSI 4 Ex | 4 mm²

Width/Height/Depth	mm	8 x 50.7 x 42.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.5...4**



Ex ec II C Gc II
IEC 60947-7-3 3 G D

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	6.3
4	AWG 30...12	AWG 30...12	4 mm²
	6 kV / 3		
	V-0		
			DEMKO14ATEX1389U

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.4 / (M 3)
0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4	50	**2562590000**
10–36 V AC/DC, with LED	WSI 4/LD 10-36V AC/DC	50	**2564350000**
30–70 V AC/DC, with LED	WSI 4/LD 30-70V AC/DC	50	**2564360000**
60–150 V AC/DC, with LED	WSI 4/LD 60-150V AC/DC	50	**2564370000**
140–250 V AC/DC, with LED	WSI 4/LD 140-250V AC/DC	50	**2564380000**

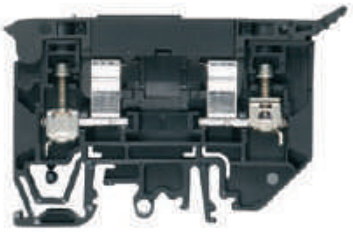
Note

Accessories

End bracket	Type		Qty.	Order No.
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6 MC NE WS		600	**1609900000**

For detailed information on other accessories and application in the online catalogue

WSI 4/2 — 4 mm²



Width/Height/Depth	9.1 x 81.6 x 53.5 mm
max. current / max. cond. cross-section	**6.3 / 6** A/mm²
Max. clamping range	**0.5...6** mm²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	V-0		

Rated connection
0.5...6 / 1.5...6
0.5...6
0.5...0.8 / (M 3)
0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 4/2	25	**1880430000**
10–36 V AC/DC, with LED	WSI 4/2/LD 10-36V AC/DC	25	**1880410000**
30–70 V AC/DC, with LED	WSI 4/2/LD 30-70V AC/DC	25	**1880440000**
60–150 V AC/DC, with LED	WSI 4/2/LD 60-150V AC/DC	25	**1880420000**
140–250 V AC/DC, with LED	WSI 4/2/LD 140-250V AC/DC	25	**1880390000**

Note

Accessories

End plate / Partition plate	Type	Qty.	Order No.
dark beige	WAP WSI4/2	50	**1880450000**
End bracket			
dark beige	WEW 35/2	50	**1061200000**
Screwdriver			
With "swifty set" cutting device	SWIFTY SET	1	**9006060000**
Standard	SDS 0.6X3.5X100	1	**2749340000**
Marking tags			
	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 12/6 MC NE WS	600	**1609900000**

For detailed information on other accessories and application in the online catalogue

WSI 4/2

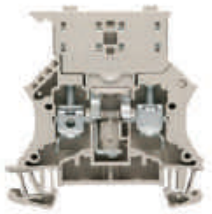
Overload and short-circuit protection

Type	Order No.
WSI 4/2	**1880430000**

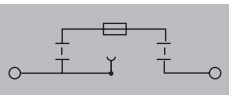
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	55 °C	4.0 W / 10 A	35 °C	2.5 W / 2.5 A
In combination	68 °C	2.5 W / 2.5 A	41 °C	1.6 W / 1.0 A

WSI 6 — 6 mm²

Metric fuses



Width/Height/Depth	7.9 x 60 x 61 mm
max. current / max. cond. cross-section	6.3 / 10 A/mm²
Max. clamping range	0.5...10 mm²



Technical data

IEC 60947-7-3, IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	500	600 (C)	600 (C)	
Rated current	6.3	9.5	10	
for wire cross-section	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	0.5...10 / 0.5...6
Tightening torque / Clamping screw	0.8...1.6 / (M 3.5)
Blade size	0.8 x 4.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	WSI 6	50	1011000000
10–36 V AC/DC, with LED			
30–70 V AC/DC, with LED			
60–150 V AC/DC, with LED			
140–250 V AC/DC, with LED			

Note

Accessories

	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	QL 2 SAK6N	41 A	50	0194300000
10-pole	QL 10 SAK6N	41 A	20	0338300000
Lock washer	SS M3 D 128-A 3		50	0164400000
Mounting screw	KISC M3X5		100	1052100000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Screwdriver				
Standard	SDS 0.8X4.0X100		1	2749360000
End bracket				
dark beige	WEW 35/2		50	1061200000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
Marking tags				
	DEK 5/8 MC NE WS		800	1856740000
	WS 12/6.5 MC NE WS		540	1609920000
	DEK 5/8 MM WS		500	2007130000
	WS 8/8 MM WS		500	2007170000

For detailed information on other accessories and application in the online catalogue

WSI 6

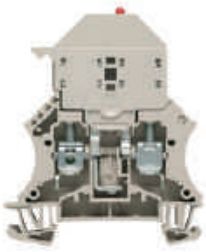
Overload and short-circuit protection

Type	Order No.
WSI 6	1011000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	2.5 W / 6.3 A	27 °C	1.6 W / 3.0 A

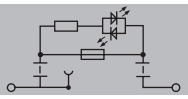
WSI 6 LED — 6 mm²

Metric fuses / bipolar LED



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 60 x 71.5	
6.3 / 10	
0.5...10	



WSI 6 LED

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
	6 kV / 3		
	V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 / (M 3.5)
0.8 x 4.0 mm

Type	Order No.
WSI 6/LD 10-36V DC/AC	**1011300000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	225 W / 6.3 A	27 °C	1.6 W / 3.0 A

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10–36 V AC/DC, with LED	WSI 6/LD 10-36V DC/AC	10	**1011300000**
30–70 V AC/DC, with LED	WSI 6/LD 30-70V DC/AC	10	**1012200000**
60–150 V AC/DC, with LED	WSI 6/LD 60-150V DC/AC	10	**1012300000**
140–250 V AC/DC, with LED	WSI 6/LD 250AC	10	**1012400000**

Note

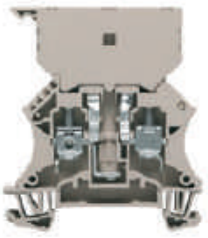
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK6N	41 A	50	**0194300000**
10-pole	QL 10 SAK6N	41 A	20	**0338300000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

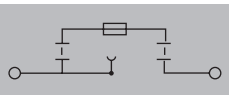
For detailed information on other accessories and application in the online catalogue

WSI 6/2 — 6 mm²

Imperial fuses



Width/Height/Depth	11.9 x 60 x 66.5 mm
max. current / max. cond. cross-section	**6.3 / 10** A/mm²
Max. clamping range	**0.5...10** mm²



WSI 6/2

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

Note

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600 (C)	150 (C)	
6.3	16	16	
6	AWG 22...8	AWG 20...6	
	6 kV / 3		
	V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 / (M 3.5)
0.8 x 4.0 mm

Type	Order No.
WSI 6/2 GZ/DEF63	**1014000000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

Ordering data

Version
500 V AC/DC, without LED
10–36 V AC/DC, with LED
30–70 V AC/DC, with LED
60–150 V AC/DC, with LED
140–250 V AC/DC, with LED

Note

Type	Qty.	Order No.
WSI 6/2 GZ/DEF63	25	**1014000000**

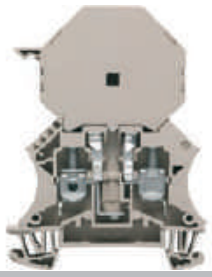
Accessories

Screwable cross-connection				
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3	D 128-A 3	50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

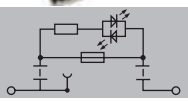
For detailed information on other accessories and application in the online catalogue

WSI 6/2 LED — 6 mm²

Imperial fuses / bipolar LED



Width/Height/Depth	11.9 x 60 x 78.5 mm
max. current / max. cond. cross-section	**6.3 / 10** A/mm²
Max. clamping range	**0.5...10** mm²



WSI 6/2 LED

Overload and short-circuit protection

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...6	
	6 kV / 3		
	V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10 / 0.5...6
0.8...1.6 / (M 3.5)
0.8 x 4.0 mm

Type	Order No.
WSI 6/2/LD 10-36V DC/AC	**1014100000**

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10–36 V AC/DC, with LED	WSI 6/2/LD 10-36V DC/AC	25	**1014100000**
30–70 V AC/DC, with LED	WSI 6/2/LD 30-70V DC/AC	25	**1014200000**
60–150 V AC/DC, with LED	WSI 6/2/LD 60-150VDC/AC	25	**1014300000**
140–250 V AC/DC, with LED	WSI 6/2/LD 250AC	25	**1014400000**

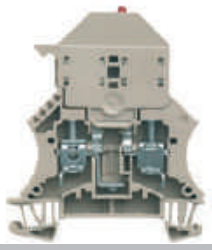
Note

Accessories

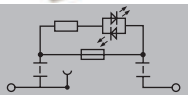
Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

WSI 6/LD LLC — 6 mm²



Width/Height/Depth	mm	7.9 x 60 x 71.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500			
Rated current A	6.3			
for wire cross-section mm²	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			/ 3	
UL 94 flammability rating			V-0	
Approvals	CE EAC			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6			
Tightening torque / Clamping screw Nm	0.8...1.6 / (M 3.5)			
Blade size	0.8 x 4.0 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
10–36 V AC/DC, with LED	WSI 6/LD 10-36V LLC	10	**1119840000**
30–70 V AC/DC, with LED	WSI 6/LD 30-70V LLC	10	**1119830000**
60–150 V AC/DC, with LED	WSI 6/LD 60-150V LLC	10	**1119850000**
140–250 V AC/DC, with LED	WSI 6/LD 250AC LLC	10	**1119870000**

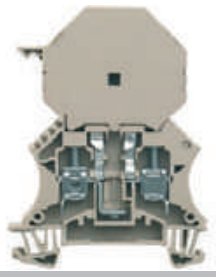
Note

Accessories

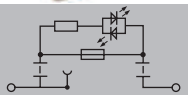
Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK6N	41 A	50	**0194300000**
10-pole	QL 10 SAK6N	41 A	20	**0338300000**
Mounting screw	KISC M3X20 SAK10 CU5		100	**0377100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
	DEK 5/8 MM WS		500	**2007130000**
	WS 8/8 MM WS		500	**2007170000**

For detailed information on other accessories and application in the online catalogue

WSI 6/2/LD LLC — 6 mm²



Width/Height/Depth	mm	11.9 x 60 x 78.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500			
Rated current A	6.3			
for wire cross-section mm²	6	AWG 22...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			/ 3	
UL 94 flammability rating			V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6
Tightening torque / Clamping screw Nm	0.8...1.6 / (M 3.5)
Blade size	0.8 x 4.0 mm

Note

Ordering data

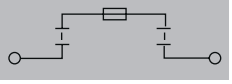
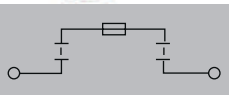
Version	Type	Qty.	Order No.
10–36 V AC/DC, with LED	WSI 6/2/LD 10-36V LLC	25	**1119800000**
30–70 V AC/DC, with LED	WSI 6/2/LD 30-70V LLC	25	**1119810000**
60–150 V AC/DC, with LED	WSI 6/2/LD 60-150V LLC	25	**1119820000**
140–250 V AC/DC, with LED	WSI 6/2/LD 250AC LLC	25	**1119790000**

Note

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAK16	76 A	50	**0470700000**
10-pole	QL 10 SAK16	76 A	20	**0471000000**
Lock washer	SS M3 D 128-A 3		50	**0164400000**
Mounting screw	KISC M3X5		100	**1052100000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

	WSI 25 10x38	25 mm²	WSI 25 CC	25 mm²
Width/Height/Depth mm	18 x 81 x 58		18 x 81 x 58	
max. current / max. cond. cross-section A/mm²	**32 / 25**		**32 / 25**	
Max. clamping range mm²	**1.5...25**		**1.5...25**	

Technical data

	WSI 25 10x38	WSI 25 CC
Rated data	IEC 60947-7-3	IEC 60947-7-3
Rated voltage to adjoining terminal V	IEC: 690	IEC: 690
Rated current A	UL: 32	UL: 32
for wire cross-section mm²	CSA: 25	CSA: 25
Rated impulse withstand voltage / Pollution severity	EN 60079-7: AWG 18...3	EN 60079-7: AWG 18...3
UL 94 flammability rating	6 kV / 3	6 kV / 3
Approvals	V-0	V-0
	CE GS EAC	CE GS EAC
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	1.5...25 / 1.5...25	1.5...25 / 1.5...25
Flexible / Flexible with ferrule mm²	1.5...25 / 1.5...25	1.5...25 / 1.5...25
Tightening torque / Clamping screw Nm	2...2.5 /	2...2.5 /
Blade size		
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10X38	12	**1966020000**	WSI 25/1 CC	12	**1966050000**
2-pole, without LED	WSI 25/2 10X38	6	**1966090000**	WSI 25/2 CC	6	**1966040000**
3-pole, without LED	WSI 25/3 10X38	4	**1966080000**	WSI 25/3 CC	4	**1966030000**
1-pole, with LED	WSI 25/1 10X38/LED 690V	12	**1966060000**	WSI 25/1 CC/LED	12	**1966070000**
Note						

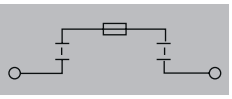
Accessories

Marking tags	Type	Qty.	Order No.	Type	Qty.	Order No.
Marking tags	ESG 6/15 K MC NE WS	200	**1880100000**	ESG 6/15 K MC NE WS	200	**1880100000**
End bracket						
dark beige	WEW 35/2	50	**1061200000**	WEW 35/2	50	**1061200000**

For detailed information on other accessories and application in the online catalogue

WSI 25/1 10x38 1KV — 25 mm²

Width/Height/Depth	mm	18 x 81 x 58
max. current / max. cond. cross-section	A/mm²	**30 / 25**
Max. clamping range	mm²	**1.5...25**



Technical data

IEC 60269-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	1000			
Rated current A	30			
for wire cross-section mm²	25		AWG 18...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE EAC UL			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	1.5...25 / 1.5...25			
Flexible / Flexible with ferrule mm²	1.5...25 / 1.5...25			
Tightening torque / Clamping screw Nm	2...2.5 /			
Blade size				

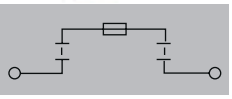
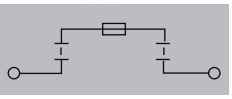
Note

Ordering data

Version	Type	Qty.	Order No.
1-pole, without LED	WSI 25/1 10X38 1KV	12	**1137790000**
1-pole, with LED	WSI 25/1 10X38/LED 1KV	12	**1137780000**

Note

For detailed information on other accessories and application in the online catalogue

	SAKS 2/35 DB	10 mm²	SAKS 4/35 DB	10 mm²
	D fuses E 16		D 01 fuses E 14	
Width/Height/Depth mm	27.6 x 80 x 73.5		24 x 75 x 65	
max. current / max. cond. cross-section A/mm²	**10 / 16**		**16 / 16**	
Max. clamping range mm²	**0.22...16**		**0.22...16**	

Technical data

Rated data	SAKS 2/35 DB	SAKS 4/35 DB
	IEC 60947-7-3	IEC 60947-7-3
IEC	500	400
UL		600 (C)
CSA	600 (C)	600 (C)
EN 60079-7		
Rated voltage to adjoining terminal V	500	400
Rated current A	10	16
for wire cross-section mm²	10	10
		AWG 26...8
	AWG 22...8	AWG 22...8
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
UL 94 flammability rating	V-0, 5VA	V-0, 5VA
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...16 / 0.5...10	0.5...16 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...10	0.5...10
Tightening torque / Clamping screw Nm	1.2...2.4 / (M 4)	1.2...2.4 / (M 4)
Blade size	1.0 x 5.5 mm	1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	SAKS 2/35 DB	20	**1368700000**
Note			

Type	Qty.	Order No.
SAKS 4/35 DB	20	**0501800000**

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	QL 2 SAKS2	36 A	20	**0207800000**
10-pole	QL 10 SAKS2	36 A	20	**0338900000**
Lock washer	SS M4 D 128-A 4		100	**0136400000**
Mounting screw				
Mounting screw	BFSC M4X9T		100	**0103300000**
End plate / Partition plate				
dark beige	WTW EN		20	**1058800000**
Screw cover cap				
SK	SK E16/SAKS2		25	**0284110000**
Safety fuses				
	E 16/10A RT TNDZ	10 A	25	**0208500000**
	E 16/16A GR TNDZ	16 A	25	**0208600000**
	E 16/20A BL TNDZ	20 A	25	**0208700000**
	E 16/25A GE TNDZ	25 A	25	**0208800000**
Gauge rings				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**

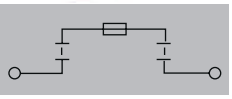
Type		Qty.	Order No.
QL 2 SAKS4	47 A	20	**0328000000**
QL 10 SAKS4	47 A	20	**0339000000**
SS M4 D 128-A 4		100	**0136400000**
BFSC M4X9T		100	**0103300000**
WTW EN		20	**1058800000**
SK E14 SAKS4		20	**0339410000**
E 14/2A RS	2 A	10	**0137400000**
E 14/4A BR	4 A	10	**0137500000**
E 14/6A GN	6 A	10	**0328300000**
E 14/10A RT	10 A	10	**0328400000**
P 14/2 D01 RS SAKS4	2 A	50	**0138000000**
P 14/4 D01 BR SAKS4	4 A	50	**0138100000**
DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

SAKS 5/35 DB — 16 mm²

D 02 fuse E 18

Width/Height/Depth	mm	28 x 80 x 65
max. current / max. cond. cross-section	A/mm²	**63 / 16**
Max. clamping range	mm²	**1.5...16**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	400	600 (C)	600 (C)	
Rated current A	63	40	63	
for wire cross-section mm²	16	AWG 14...6	AWG 14...6	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0, 5VA	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	1.5...16 / 1.5...16
Flexible / Flexible with ferrule mm²	1.5...16
Tightening torque / Clamping screw Nm	1.2...2.4 / (M 4)
Blade size	1.0 x 5.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	SAKS 5/35 DB	20	**0502100000**

Note

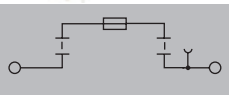
Accessories

	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	QL 2 SAKS2	36 A	20	**0207800000**
10-pole	QL 10 SAKS2	36 A	20	**0338900000**
Lock washer	SS M4 D 128-A 4		100	**0136400000**
Mounting screw				
Mounting screw	BFSC M4X9T		100	**0103300000**
End plate / Partition plate				
dark beige	WTW EN		20	**1058800000**
Screw cover cap				
SK	SK E18 SAKS5		20	**0359310000**
Safety fuses				
	E 18/20A BL	20 A	10	**0361300000**
	E 18/25A GE	25 A	10	**0361400000**
	E 18/35A SW	35 A	10	**0361500000**
Gauge rings				
	P 18/20 D02 BL SAKS5	20 A	50	**0361800000**
	P 18/25 D02 GE SAKS5	25 A	50	**0361900000**
	P 18/35 D02 SW SAKS5	35 A	50	**0362000000**
	P 18/50 D02 WS SAKS5	50 A	50	**0362100000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

WTR 2.5/SI — 2.5 mm²

Width/Height/Depth	mm	5.1 x 60 x 97
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	400		300 (D)	
Rated current A	6.3		10	
for wire cross-section mm²	2.5	AWG 22...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE EAC			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.8 / (M 2.5)
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
400 V AC/DC, without LED	WTR 2.5/SI	25	**1763940000**
10–36 V AC/DC, with LED	WTR 2.5/SI LD 36V	25	**1763950000**

Note

Accessories

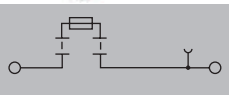
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

WTR 4 SI SL — 4 mm²

With fuse holder

Width/Height/Depth	mm	6.1 x 61.5 x 97
max. current / max. cond. cross-section	A/mm²	**6.3 / 6**
Max. clamping range	mm²	**0.22...6**



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	400	300 (D)	300 (D)	
Rated current A	6.3	6.3	6.3	
for wire cross-section mm²	4	AWG 22...10	AWG 22...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE GL EAC KCAS			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...4			
Tightening torque / Clamping screw Nm	0.5...1 / (M 3)			
Blade size	0.6 x 3.5 mm			

Note

Ordering data

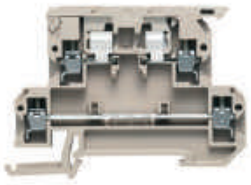
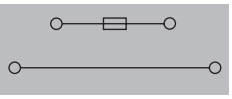
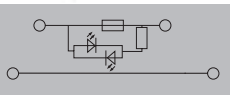
Version	Type	Qty.	Order No.
400 V AC/DC, without LED	WTR 4 SI SL	25	**7910330000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
Black	WAP 2.5-10 SW		50	**1050010000**
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hak. Cable lugs				
	HBT 1,5 - 3,0 RT		100	**1312440000**
	HBT 2,5 - 3,0 BL		100	**1312450000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	WS 12/6 MC NE WS		600	**1609900000**
	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

	KDKS 1/35 DB	4 mm²	KDKS 1EN/LLC	4 mm²
	Metric fuses 5 x 20 mm			
				
Width/Height/Depth mm	8 x 73.5 x 55.6		8 x 76.5 x 54.6	
max. current / max. cond. cross-section A/mm²	6.3 / 4		/ 4	
Max. clamping range mm²	0.22...4		0.22...4	

Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)	300 (D)	
Rated current A	6.3	10	10	
for wire cross-section mm²	4	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
UL 94 flammability rating			V-0	
Approvals	CE GL EAC UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4			
Tightening torque / Clamping screw Nm	0.5...0.8 / (M 3)			
Blade size	0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (C)	150 (C)	
Rated current A	6.3	20	25	
for wire cross-section mm²	4	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			/ 3	
UL 94 flammability rating			V-0	
Approvals	CE GL UL			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4			
Tightening torque / Clamping screw Nm	0.5...0.8 / (M 3)			
Blade size	0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	KDKS 1/35 DB	50	9532440000
10–36 V AC/DC, with LED			
30–70 V AC/DC, with LED			
60–150 V AC/DC, with LED			
100 – 250 V AC/DC, with LED			
Note			

Type	Qty.	Order No.
KDKS 1EN/LLC 10-36V AC/DC	50	9802720001
KDKS 1EN/LLC 30-70V AC/DC	50	9908510001
KDKS 1EN/LLC 100-250V AC/DC	50	9915820001

Accessories

End plate / Partition plate	Type		Qty.	Order No.
dark beige	AP KDKS1 DB		20	9532470000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
Marking tags				
	DEK 5/8 MC NE WS		800	1856740000

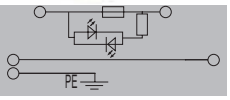
Type		Qty.	Order No.
AP KDKS1 DB		20	9532470000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
DEK 5/8 MC NE WS		800	1856740000

For detailed information on other accessories and application in the online catalogue

KDKS 1PE/LLC — 4 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm²
Max. clamping range	mm²

8 x 91 x 65
/ 4
0.33...4



IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	V	500	300 (C)	150 (C)	
Rated current	A	6.3	20	25	
for wire cross-section	mm²	4	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
UL 94 flammability rating				V-0	
Approvals		CE EAC UL			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4			
Tightening torque / Clamping screw	Nm	0.5...1 / (M 3)			
Blade size		0.6 x 3.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED			
10–36 V AC/DC, with LED	KDKS 1PE/LLC 10-36V AC/DC	50	1518300000
30–70 V AC/DC, with LED	KDKS 1PE/LLC 30-70V AC/DC	50	1518330000
60–150 V AC/DC, with LED	KDKS 1PE/LLC 60-150V AC/DC	50	1518340000
100 – 250 V AC/DC, with LED	KDKS 1PE/LLC 100-250V AC/DC	50	1518370000

Note

Accessories

End plate / Partition plate	Type		Qty.	Order No.
dark beige	AP KDKS1 DB		20	9532470000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000
Marking tags				
	DEK 5/8 MC NE WS		800	1856740000

For detailed information on other accessories and application in the online catalogue

KDKS 1/35 DB

Overload and short-circuit protection

Type	Order No.
KDKS 1/35 DB	9532440000

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T_A max.	Nominal values	T_A max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A

*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.

Fuse cartridges

Technical data

for terminal type:
PSI 6/10
WSI 4
WSI 6
AFS 4 2C BK
PSI 6/10 SW
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB

Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI)[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
Cartridge fuse	G-Si. 5 x 20	0.25	quick-acting	G 20/0.25A/F	10	0430500000
Rated breaking capacity	1.5 kA	0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 6

Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576[1)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
Cartridge fuse	G-Si. 5 x 25	0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
Rated breaking capacity	80 A	1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63

Ordering data

Fuse cartridges 1¼" x ¼" without indicator in acc. with BS 88

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
Cartridge fuse	G-Si. 6.3 x 32	2	quick-acting	GZ 2.0A/F	10	1460600000
Rated breaking capacity	50 kA	3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 2/35 DB

Ordering data

D-type fuse cartridge E 16 with indicator in acc. with DIN 49360 (Diazed)

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		10	slo-blo	E 16/10A RT TNDZ	25	0208500000
		16	slo-blo	E 16/16A GR TNDZ	25	0208600000
Cartridge fuse		20	slo-blo	E 16/20A BL TNDZ	25	0208700000
Rated breaking capacity		25	slo-blo	E 16/25A GE TNDZ	25	0208800000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 4/35 DB

Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)[3)]

Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
		10	slo-blo	E 14/10A RT	10	0328400000
		16	slo-blo	E 14/16A GR	10	0328500000
Cartridge fuse		2	slo-blo	E 14/2A RS	10	0137400000
Rated breaking capacity		4	slo-blo	E 14/4A BR	10	0137500000
		6	slo-blo	E 14/6A GN	10	0328300000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

Technical data

for terminal type:
SAKS 5/35 DB

Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)[3)]

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
	20	slo-blo	E 18/20A BL	10	**0361300000**
	25	slo-blo	E 18/25A GE	10	**0361400000**
Cartridge fuse	35	slo-blo	E 18/35A SW	10	**0361500000**
Rated breaking capacity	50	slo-blo	E 18/50A WS	10	**0361600000**
	63	slo-blo	E 18/63A KU	10	**0361700000**

(M) = medium time-lag; (F) = quick-acting

1) The company SIBA supplies G-type fuse cartridges 5 x 25 with indicator, also in marine engineering version for 450 V~.
2) Fuse cartridges 5 x 30 (500 V~) für SAKS 3 are avalaible from the company WICKMANN.
3) The company LINDNER supplies Neozed fuse cartridges, also in a further marine engineering version for 440 V~.
4) Fuse cartridges with the dimensions 1"x1/4" = 25.4x6.35 mm and 13/32"x11/2" = 10.3x38.1 mm are not in the programme.
5) Only for SAKS 1 and SAKS 7.

Gauge rings

Technical data

for terminal type:
SAKS 4/35 DB

Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 14/2 D01 RS SAKS4	E14 / 2	2 A	pink	50	**0138000000**
P 14/4 D01 BR SAKS4	E14 / 4	4 A	brown	50	**0138100000**
P 14/6 D01 GN SAKS4	E14 / 6	6 A	green	50	**0328600000**
P 14/10 D01 RT SAKS4	E14 / 10	10 A	red	50	**0328700000**

Technical data

for terminal type:
SAKS 5/35 DB

Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 18/20 D02 BL SAKS5	E18 / 20	20 A	blue	50	**0361800000**
P 18/25 D02 GE SAKS5	E18 / 25	25 A	yellow	50	**0361900000**
P 18/35 D02 SW SAKS5	E18 / 35	35 A	black	50	**0362000000**
P 18/50 D02 WS SAKS5	E18 / 50	50 A	white	50	**0362100000**

Separate potentials simply and safely in confined spaces

Klippon® Connect test-disconnect terminal blocks

In marshalling cabinets of industrial control systems, signal lines from the field are often connected with terminal blocks. These are known as a robust, simple, and tidy connection option. However, their use requires sufficient current protection and a reliable disconnection circuit.

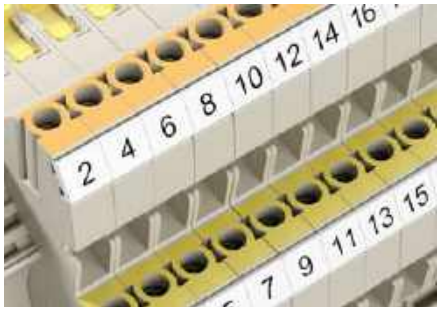
Our WDTR test-disconnect terminal blocks enable a safe and simple electrical isolation in confined spaces. Two potentials can be operated with only one terminal block, resulting in space-savings of 50%. The multifunctional disconnect section can be converted into a fuse terminal or equipped with a component plug to enable the integration of electronic components.

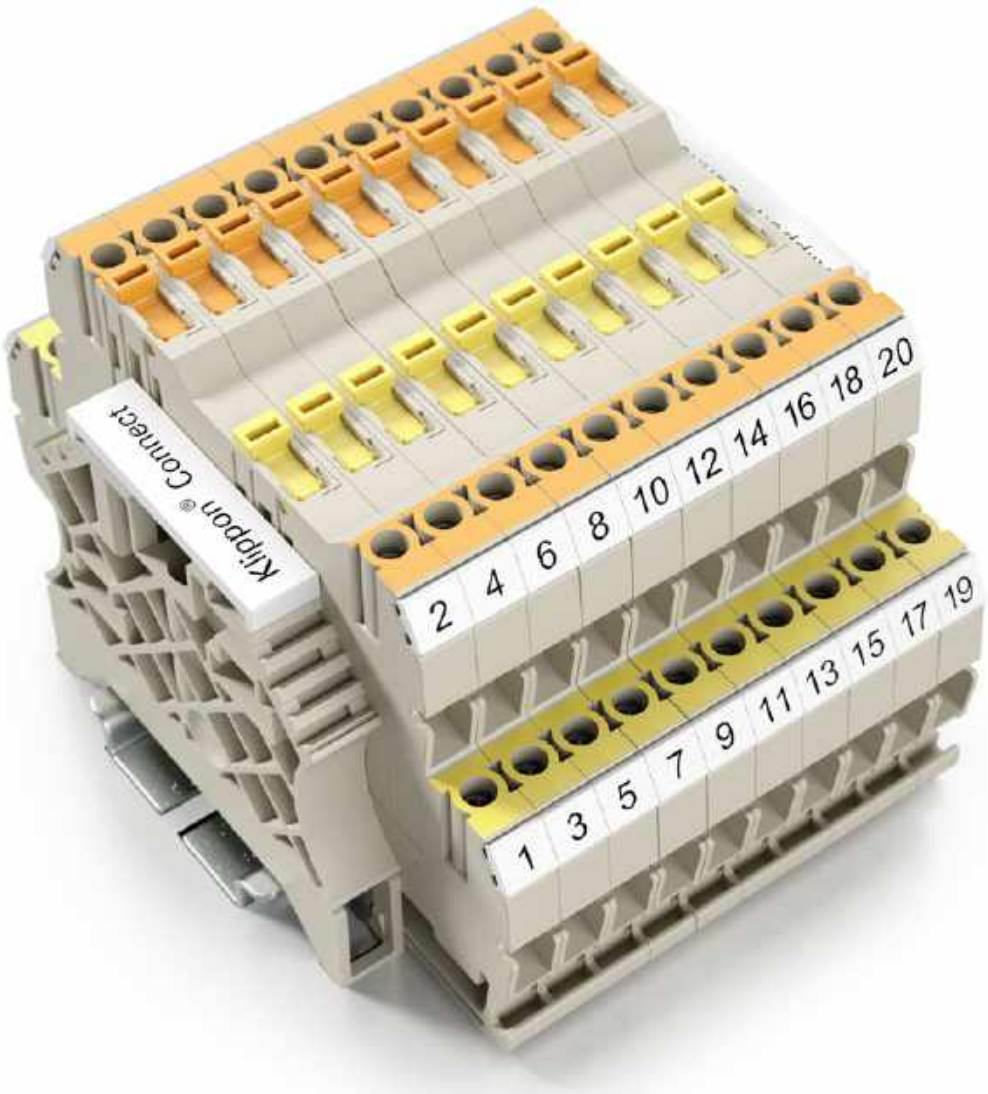
Your special advantages:

- Separation of two different potentials on one terminal block
- Maximum safety due to colour-contrasted disconnect levers
- Combination foot for maximum flexibility on TS 32 and TS 35 mounting rails
- Multifunctional separation area for individual applications

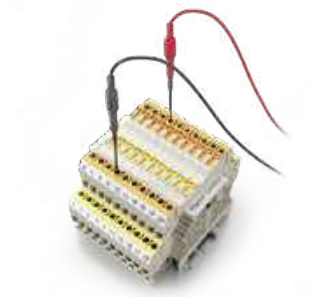
Space-saving on the mounting rail
The design of the terminal block makes it possible to switch two potentials with only one terminal. This results in a space-savings of 50 % compared to conventional superstructures.

Increased clarity and security
The two potentials are marked in different colours and assigned to the connection areas. This reduces the risk of misconnections and guarantees maximum safety.





Time-saving in testing and revision
Easily accessible test facilities in front of and behind the clamping point allow the system to be tested quickly and safely. A 2.0 standard test adapter can also be mounted on the screw heads in wired condition.



Individual application solutions
The multifunctional disconnection area allows either a fuse holder or a component plug to be accommodated. Depending on the application, it can be used as a fuse terminal or as a terminal block with electronic components.

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

WTR 2.5 — 2.5 mm²

With clamping screw

WTR 2.5 STB — 2.5 mm²

With sockets

		WTR 2.5	WTR 2.5 STB
Width/Height/Depth	mm	5.1 x 60 x 48	5.1 x 60 x 48
max. current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.05...4	0.05...4

Technical data

Rated data		WTR 2.5	WTR 2.5 STB
Rated voltage of feed-through terminal	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Number of operating cycles			
Approvals			

IEC	UL	CSA	EN 60079-7
500	600	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Clamped conductors (H05V/H07V)		WTR 2.5	WTR 2.5 STB
Solid / Stranded	mm²	Rated connection	Rated connection
Flexible / Flexible with ferrule	mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Tightening torque / Clamping screw	Nm	0.5...4	0.5...4 / 0.5...2.5
Stripping length / Blade size	mm/-	0.4...0.8 / (M 2.5)	0.5...0.7 / (M 3)
		10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note			

Ordering data

Version	WTR 2.5 Type	Qty.	Order No.	WTR 2.5 STB Type	Qty.	Order No.
dark beige	WTR 2.5	100	1855610000	WTR 2.5 STB2.3	100	1855620000
Blue	WTR 2.5 BL	100	8731640000	WTR 2.5 STB2.3 BL	100	8731660000
without isolator, dark beige	WTR 2.5/0.TNHE	100	8731700000	WTR 2.5/0.TNHE STB2.3	100	8731670000
Note						

Accessories

	WTR 2.5 Type		Qty.	Order No.	WTR 2.5 STB Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
2-pole								
10-pole								
End plate / Partition plate								
dark beige	WAP 2.5-10		50	1050000000	WAP 2.5-10		50	1050000000
dark beige								
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)								
without fittings	BEST		50	1833100000	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000	BEST/D	1 A	50	1878560000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100		1	2749340000
Testing / Checking								
Test adapter	WTA 6 WTR2.5	6 A	25	1632380000				
Test plug					PS 2.3 RT	20 mA	20	0180400000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000	WS 12/5 MC NE WS		720	1609860000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

WTR 2.5/ZZ — 2.5 mm²

Twin connection

5.1 x 60 x 46.5
16 / 4
0.13...4

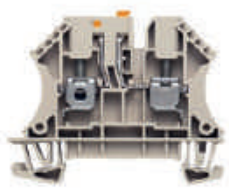
IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
7 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 2.5/ZZ		50	1039900000
WTR 2.5/ZZ BL		50	1039980000
WTR 2.5/ZZ O.TNHE		50	1774670000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WTR2.5/ZZ		20	1074600000
WEW 35/2		50	1061200000
SIHA 1/G20	6.3 A	25	9537550000
SIHA 1/G20 10-36V	6.3 A	25	9537560000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000
WS 8/5 MM WS		800	2007150000
DEK 5/5 MM WS		800	2007110000

WTR 4 — 4 mm²

With clamping screw



6.1 x 60 x 48
32 / 6
0.22...6

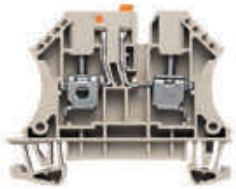
IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
13 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4		50	7910180000
WTR 4 BL		50	7910190000
WTR 4/O.TNHE		50	2436380000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		50	1061200000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
SDS 0.6X3.5X100		1	2749340000
WS 12/5 MC NE WS		720	1609860000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000

WTR 4 STB — 4 mm²

With socket



6.1 x 60 x 48
32 / 6
0.22...6

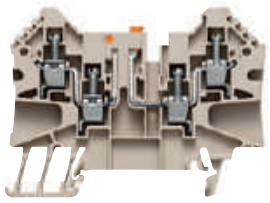
IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
13 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4 STB		50	7910210000
WTR 4 STB BL		50	7910220000
WTR 4 STB/O.TNHE		50	2436390000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		50	1061200000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
SDS 0.6X3.5X100		1	2749340000
PS 2.3 RT	20 mA	20	0180400000
WS 12/5 MC NE WS		720	1609860000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000

WTR 4/ZZ — 4 mm²

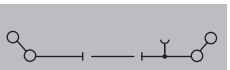
Twin connection with clamping screw

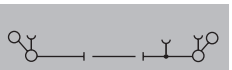


WTR 4/ZZ STB — 4 mm²

Twin connection with socket

		WTR 4/ZZ	WTR 4/ZZ STB
Width/Height/Depth	mm	6.1 x 70 x 53	6.1 x 70 x 53
max. current / max. cond. cross-section	A/mm²	27 / 6	27 / 6
Max. clamping range	mm²	0.05...6	0.05...6





Technical data

Rated data		WTR 4/ZZ				WTR 4/ZZ STB			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	V	500	600	600		500	600	600	
Rated current	A	27	25	25		27	25	25	
for wire cross-section	mm²	4	AWG 30...10	AWG 30...10		4	AWG 30...10	AWG 30...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0				A4 / V-0		
Number of operating cycles									
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 1.5...6				0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw	Nm	0.5...1 / (M 3)				0.5...1 / (M 3)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

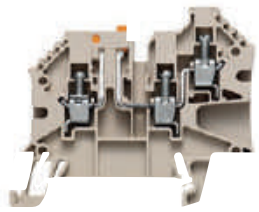
Version	WTR 4/ZZ Type	Qty.	Order No.	WTR 4/ZZ STB Type	Qty.	Order No.
dark beige	WTR 4/ZZ	50	1905090000	WTR 4/ZZ STB	50	1905100000
Blue	WTR 4/ZZ BL	50	1193450000	WTR 4/ZZ STB BL	50	1231330000
without isolator, dark beige	WTR 4/ZZ/O.TNHE	50	2436420000	WTR 4/ZZ STB/O.TNHE	50	2436360000
Note						

Accessories

		WTR 4/ZZ Type		Qty.	Order No.	WTR 4/ZZ STB Type		Qty.	Order No.
Plug-in cross-connection									
2-pole		ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole		ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate / Partition plate									
dark beige		WAP WDU/WTR4/ZZ		50	1905150000	WAP WDU/WTR4/ZZ		50	1905150000
dark beige									
End bracket									
dark beige		WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Holder for cartridge fuse 5 x 20 mm									
400 V AC/DC, without LED		SIHA 3/G20	6.3 A	25	7921560000	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED		SIHA 3/G20/LD 10-36V		25	7921570000	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED		SIHA 3/G20/LD 140-250V		25	7921600000	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)									
without fittings		BEST		50	1833100000	BEST		50	1833100000
with wire jumper		BEST/DRBR	22 A	50	1878570000	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode		BEST/D	1 A	50	1878560000	BEST/D	1 A	50	1878560000
Disconnect plug									
removable, as replacement for release lever		TNST	20 A	50	1833090000	TNST	20 A	50	1833090000
Screwdriver									
Standard		SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100		1	2749340000
Hak. Cable lugs									
Marking tags									
		WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
		DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
		WS 12/5 MC NE WS		720	1609860000	WS 12/5 MC NE WS		720	1609860000
Testing / Checking									
Test plug						PS 2.3 RT	20 mA	20	0180400000
For detailed information on other accessories and application in the online catalogue									

WTR 4/ZR — 4 mm²

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53
27 / 6
0.05...6

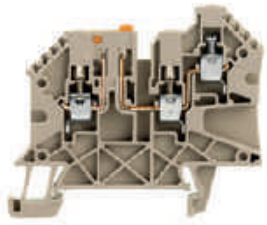
IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4/ZR		50	1905080000
WTR 4/ZR/O.TNHE		50	2436400000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZR		50	1905070000
WEW 35/2		50	1061200000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
WS 12/5 MC NE WS		720	1609860000

WTR 4/ZR STB — 4 mm²

Supplementary connection with socket



6.1 x 63.5 x 53
27 / 6
0.05...6

IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
10 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4/ZR STB		50	1905110000
WTR 4/ZR STB/O.TNHE		50	2436410000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP WDU/WTR4/ZR		50	1905070000
WEW 35/2		50	1061200000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
WS 12/5 MC NE WS		720	1609860000
PS 2.3 RT	20 mA	20	0180400000

WTR 4 SL — 4 mm²

With clamping screw

6.1 x 61.5 x 46.5
32 / 6
0.22...6

IEC 60947-7-1

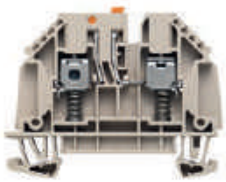
IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 2		
	A4 / V-0		

Rated connection
0.5...6 / 1.5...6
0.5...4
0.5...0.6 / (M 3)
13 / 0.6 x 3.5 mm

Type		Qty.	Order No.
WTR 4 SL		50	7910270000
WTR 4 SL BL		50	7910280000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		50	1061200000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
SDS 0.6X3.5X100		1	2749340000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

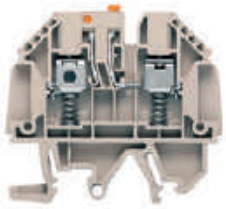
WTR 4 SL STB — 4 mm²

With socket



WTR 4 SL/EN — 4 mm²

with clamping screw



		WTR 4 SL STB	WTR 4 SL/EN
Width/Height/Depth	mm	6.1 x 61.5 x 46.5	6.1 x 61.5 x 51
max. current / max. cond. cross-section	A/mm²	**32 / 6**	**32 / 6**
Max. clamping range	mm²	**0.22...6**	**0.22...6**

Technical data

Rated data		WTR 4 SL STB	WTR 4 SL/EN
Rated voltage of feed-through terminal	V	500	630
Rated current	A	32	32
for wire cross-section	mm²	4	4
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 2
Gauge to IEC 60947-1 / UL 94 flammability rating		A4 / V-0	A4 / V-0
Number of operating cycles			
Approvals			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7	WTR 4 SL STB	WTR 4 SL/EN
				500	630
				32	32
				4	4
				AWG 22...10	AWG 22...10
				6 kV / 3	6 kV / 2
				A4 / V-0	A4 / V-0

Clamped conductors (H05V/H07V)		WTR 4 SL STB	WTR 4 SL/EN
Solid / Stranded	mm²	0.5...6 / 1.5...6	0.5...6 / 1.5...6
Flexible / Flexible with ferrule	mm²	0.5...4	0.5...4
Tightening torque / Clamping screw	Nm	0.5...0.6 / (M 3)	0.5...1 / (M 3)
Stripping length / Blade size	mm/-	13 / 0.6 x 3.5 mm	13 / 0.6 x 3.5 mm

Note	WTR 4 SL STB	WTR 4 SL/EN

Ordering data

Version	WTR 4 SL STB	WTR 4 SL/EN
dark beige	WTR 4 STB SL	WTR4 SL/EN
Blue	WTR 4 STB SL BL	WTR4 SL/EN BL

Type	Qty.	Order No.
WTR 4 STB SL	50	7910300000
WTR 4 STB SL BL	50	7910310000

Type	Qty.	Order No.
WTR4 SL/EN	50	7910360000
WTR4 SL/EN BL	50	7910370000

Note	WTR 4 SL STB	WTR 4 SL/EN

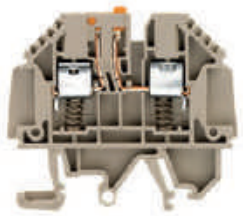
Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate / Partition plate								
dark beige	WAP 2.5-10		50	1050000000	WAP 2.5-10		50	1050000000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000	WAP 16+35 WTW 2.5-10		20	1050100000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Hak. Cable lugs								
	HBT 1,5 - 3,0 RT		100	1312440000	HBT 1,5 - 3,0 RT		100	1312440000
	HBT 2,5 - 3,0 BL		100	1312450000	HBT 2,5 - 3,0 BL		100	1312450000
Testing / Checking								
Test plug	PS 2.3 RT	20 mA	20	0180400000				
Marking tags								
	DEK 5/6 MC NE WS		1000	1609820000	DEK 5/6 MC NE WS		1000	1609820000
	WS 12/6 MC NE WS		600	1609900000	WS 12/6 MC NE WS		600	1609900000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000

For detailed information on other accessories and application in the online catalogue

WTR 4 STB SL/EN — 4 mm²

With socket



6.1 x 61.5 x 51
32 / 6
0.22...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	A4 / V-0		

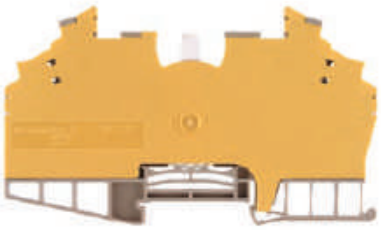
Rated connection
0.5...6 / 1.5...6
0.5...4
0.5...1 / (M 3)
13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR4 SL/EN STB	50	**7910390000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/10	32 A	20	**1528090000**
WAP 2.5-10		50	**1050000000**
WAP 16+35 WTW 2.5-10		20	**1050100000**
WEW 35/2		50	**1061200000**
HBT 1,5 - 3,0 RT		100	**1312440000**
HBT 2,5 - 3,0 BL		100	**1312450000**
DEK 5/6 MC NE WS		1000	**1609820000**
WS 12/6 MC NE WS		600	**1609900000**
DEK 5/6 MM WS		600	**2007120000**

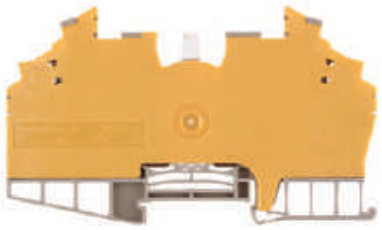
WDT 1.5/1 — 1.5 mm²

Disconnection lower level

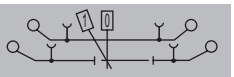


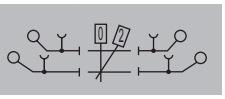
WDT 1.5/2 — 1.5 mm²

Disconnection both levels



		WDT 1.5/1	WDT 1.5/2
Width/Height/Depth	mm	6.4 x 112 x 66	6.4 x 112 x 66
max. current / max. cond. cross-section	A/mm²	**10 / 2.5**	**10 / 2.5**
Max. clamping range	mm²	**0.13...2.5**	**0.13...2.5**





Technical data

Rated data		WDT 1.5/1	WDT 1.5/2
Rated voltage of feed-through terminal	V	250	250
Rated current	A	10	10
for wire cross-section	mm²	1.5	1.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0	A2 / V-0
Number of operating cycles			
Approvals			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	

Clamped conductors (H05V/H07V)		WDT 1.5/1	WDT 1.5/2
Solid / Stranded	mm²	0.5...2.5 / 1.5...2.5	0.5...2.5 / 1.5...2.5
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Rated connection	WDT 1.5/1	WDT 1.5/2
	0.5...2.5 / 1.5...2.5	0.5...2.5 / 1.5...2.5
	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

Note

Ordering data

Version	WDT 1.5/1	WDT 1.5/2
	dark beige	dark beige

Type	Qty.	Order No.
WDT 1.5/1 DB/GE	25	**1015800000**

Type	Qty.	Order No.
WDT 1.5/2 DB/GE	25	**1015900000**

Note

Accessories

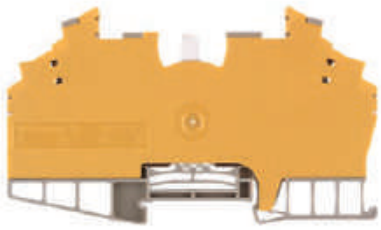
End bracket	Type	Qty.	Order No.
dark beige	WEW 35/2	50	**1061200000**
Screwdriver			
Standard	SDS 0.6X3.5X100	1	**2749340000**
Locking lever			
	RAHE LN WDT1.5	10	**1865410000**
Marking tags			
	DEK 5/6.5 MC NE WS	900	**1609840000**
	WS 8/5 MC NE WS	720	**1640740000**

End bracket	Type	Qty.	Order No.
dark beige	WEW 35/2	50	**1061200000**
Screwdriver			
Standard	SDS 0.6X3.5X100	1	**2749340000**
Locking lever			
	RAHE LN WDT1.5	10	**1865410000**
Marking tags			
	DEK 5/6.5 MC NE WS	900	**1609840000**
	WS 8/5 MC NE WS	720	**1640740000**

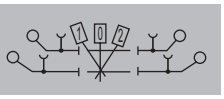
For detailed information on other accessories and application in the online catalogue

WDT 1.5/3 — 1.5 mm²

Disconnection lower level or both levels



6.4 x 112 x 66
10 / 2.5
0.13...2.5



IEC 60947-7-1

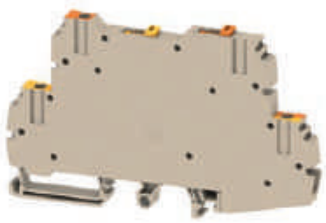
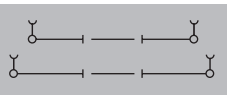
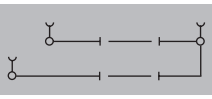
IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A2 / V-0		

Rated connection
0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	**1016000000**

Type	Qty.	Order No.
WEW 35/2	50	**1061200000**
SDS 0.6X3.5X100	1	**2749340000**
RAHE LN WDT1.5	10	**1865410000**
DEK 5/6.5 MC NE WS	900	**1609840000**
WS 8/5 MC NE WS	720	**1640740000**

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WDTR 2.5	2.5 mm²	WDTR 2.5/WE	2.5 mm²
				
Width/Height/Depth mm	6.15 x 94 x 65		6.15 x 94 x 65	
max. current / max. cond. cross-section A/mm²	**17 / 4**		**17 / 4**	
Max. clamping range mm²	**0.05...4**		**0.05...4**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
	IEC 60947-7-1			
Rated voltage of feed-through terminal V	500	150		
Rated current A	17	20		
for wire cross-section mm²	2.5	AWG 30...12		
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.5...0.6 /			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
	IEC 60947-7-1			
Rated voltage of feed-through terminal V	500		300	
Rated current A	17		17	
for wire cross-section mm²	2.5		AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.5...0.6 /			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDTR 2.5	25	**2456000000**
without STB	WDTR 2.5 O.STB	25	**2456030000**
Blue	WDTR 2.5 BL	25	**2456010000**
Blue, without STB	WDTR 2.5 BL O.STB	25	**2910900000**
Note			

Type	Qty.	Order No.
WDTR 2.5/WE	25	**2456020000**

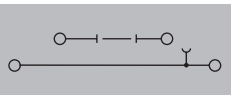
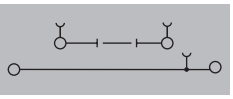
Accessories

Cross-connector	Type		Qty.	Order No.
black	VQB 1.5/50 SW	17.5 A	5	**1635120000**
red	VQB 1.5/50 RT	17.5 A	5	**1633290000**
blue	VQB 1.5/50 BL	17.5 A	5	**1633280000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
black	WEW 35/2 SW		50	**1061210000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
orange	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)				
	WSD 2.5/SCAN WTR2.5		25	**1058760000**
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D		50	**1878560000**
with wire jumper	BEST/DRBR		50	**1878570000**
Marking tags				
	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/6 MC NE WS		1000	**1609820000**

Cross-connector	Type		Qty.	Order No.
black	VQB 1.5/50 SW	17.5 A	5	**1635120000**
red	VQB 1.5/50 RT	17.5 A	5	**1633290000**
blue	VQB 1.5/50 BL	17.5 A	5	**1633280000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
black	WEW 35/2 SW		50	**1061210000**
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	**2749610000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	**1833090000**
orange	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)				
	WSD 2.5/SCAN WTR2.5		25	**1058760000**
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D		50	**1878560000**
with wire jumper	BEST/DRBR		50	**1878570000**
Marking tags				
	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

	WDK 2.5/TR-DU	2.5 mm²	WDK 2.5/TR-DU/STB	2.5 mm²
Width/Height/Depth mm	5.1 x 72.5 x 67.5		5.1 x 72.5 x 67.5	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**24 / 4**	
Max. clamping range mm²	**0.5...4**		**0.5...4**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500		300	
Rated current A	24		20	
for wire cross-section mm²	2.5		AWG 30...12	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²				
Flexible / Flexible with ferrule mm²				
Tightening torque / Clamping screw Nm				
Stripping length / Blade size mm/-				

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
8 / 0.6 x 3.5 mm

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500		300	
Rated current A	24		20	
for wire cross-section mm²	2.5		AWG 30...12	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Number of operating cycles				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²				
Flexible / Flexible with ferrule mm²				
Tightening torque / Clamping screw Nm				
Stripping length / Blade size mm/-				

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 / (M 3)
8 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU	50	1247290000
without isolator, dark beige	WDK 2.5/TR-DU/O TNHE	50	1833600000

Version	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU STB	50	1247310000

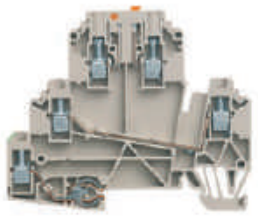
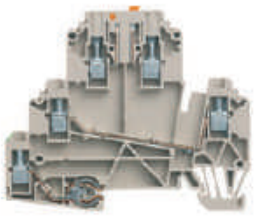
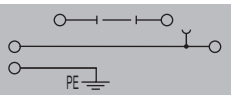
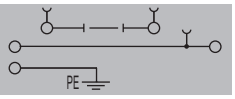
Note

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
with wire jumper	BEST/DRBR	22 A	50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Testing / Checking				
Test plug				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP WDK 2.5N/TR-DU		50	1839850000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
with wire jumper	BEST/DRBR	22 A	50	1878570000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Testing / Checking				
Test plug	PS 2.3 RT	20 mA	20	0180400000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 8/5 MC NE WS		720	1640740000
	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

	WDK 2.5/TR-DU-PE	2.5 mm²	WDK 2.5/TR-DU-PE/STB	2.5 mm²
				
Width/Height/Depth mm	5.1 x 80.5 x 67.5		5.1 x 80.5 x 67.5	
max. current / max. cond. cross-section A/mm²	**24 / 4**		**24 / 4**	
Max. clamping range mm²	**0.5...4**		**0.5...4**	

Technical data

Rated data	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500				500			
Rated current A	24				24			
for wire cross-section mm²	2.5				2.5			
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0				A2 / V-0	
Number of operating cycles								
Approvals	CE EAC				CE EAC			
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)				0.5...0.6 / (M 3)			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note								

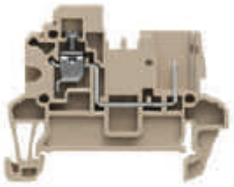
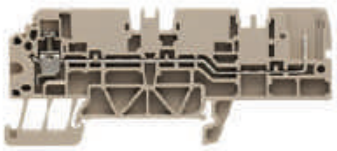
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDK 2.5/TR-DU-PE	50	**1247420000**	WDK 2.5/TR-DU-PE STB	50	**1247430000**
without isolator, dark beige	WDK 2.5/TR-DU-PE/O TNHE	50	**1833640000**			
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 2.5/2	32 A	50	**1053660000**	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate								
dark beige	WAP WDK 2.5N/TR-DU		50	**1839850000**	WAP WDK 2.5N/TR-DU		50	**1839850000**
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Module connector (max, 250 V)								
without fittings	BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**	BEST/DRBR	22 A	50	**1878570000**
Disconnect plug								
removable, as replacement for release lever	TNST	20 A	50	**1833090000**	TNST	20 A	50	**1833090000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Testing / Checking								
Test plug					PS 2.3 RT	20 mA	20	**0180400000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/5 MM WS		800	**2007110000**	DEK 5/5 MM WS		800	**2007110000**

For detailed information on other accessories and application in the online catalogue

	WT 2.5	WDT 2.5 BT
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.1 x 50.5 x 40	5.1 x 85.5 x 36
max. current / max. cond. cross-section A/mm²	27 / 4	27 / 4
Max. clamping range mm²	0.13...4	0.13...4

Technical data

	WT 2.5	WDT 2.5 BT
Rated data	IEC 60947-7-1, IEC 61984	IEC 60947-7-1, IEC 61984
Rated voltage of feed-through terminal V	500	500
Rated current A	24	24
for wire cross-section mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	0.4...0.6 / (M 2.5)
Stripping length / Blade size mm/-	7 / 0.6 x 3.5 mm	7 / 0.6 x 3.5 mm
Note		

IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
500	300	300		500	300	300	
24	20	20		24	20	20	
2.5	AWG 26...12	AWG 16...12		2.5	AWG 26...12	AWG 26...12	

Ordering data

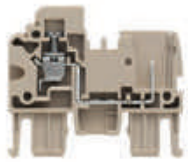
	WT 2.5	WDT 2.5 BT
	Type / Qty. / Order No.	Type / Qty. / Order No.
	WT 2.5 / 50 / 1305330000	WDT 2.5 BT / 50 / 1305310000
Plug-in connector	Type / Qty. / Order No.	Type / Qty. / Order No.
	WP 2.5/1AN/1 / 50 / 1305270000	WP 2.5/1AN/1 / 50 / 1305270000
	WP 2.5/1AN/10 / 50 / 1305280000	WP 2.5/1AN/10 / 50 / 1305280000
Note		

Accessories

	WT 2.5	WDT 2.5 BT
Plug-in cross-connection	Type / Qty. / Order No.	Type / Qty. / Order No.
2-pole	ZQV 2.5N/2 24 A / 60 / 1527540000	ZQV 2.5N/2 24 A / 60 / 1527540000
10-pole	ZQV 2.5N/10 24 A / 20 / 1527690000	ZQV 2.5N/10 24 A / 20 / 1527690000
End plate		
	WAP WDT 2.5 AT / 50 / 1305250000	WAP WDT 2.5 BT / 50 / 1305240000
Cover		
		AH WDT 2.5 BT / 50 / 1305230000
End bracket		
dark beige	WEW 35/2 / 50 / 1061200000	WEW 35/2 / 50 / 1061200000
Strain relief		
	APGSR 2.5/4 / 25 / 2457580000	APGSR 2.5/4 / 25 / 2457580000
Coding		
	APGCE / 50 / 1514490000	APGCE / 50 / 1514490000
Interlock		
	APGLE 2.5/4 / 25 / 2457570000	APGLE 2.5/4 / 25 / 2457570000
Screwdriver		
Standard	SDS 0.6X3.5X100 / 1 / 2749340000	SDS 0.6X3.5X100 / 1 / 2749340000
Plug		
dark beige		WDT 2.5 AT 24 A / 50 / 1305320000
Marking tags		
	DEK 5/5 MC NE WS / 1000 / 1609801044	DEK 5/5 MC NE WS / 1000 / 1609801044
	WS 10/5 MC NE WS / 720 / 1635000000	WS 10/5 MC NE WS / 720 / 1635000000
	DEK 5/5 MM WS / 800 / 2007110000	DEK 5/5 MM WS / 800 / 2007110000
Vertical jumpers		
1-pole		

For detailed information on other accessories and application in the online catalogue

WDT 2.5 AT — 2.5 mm²



5.1 x 42 x 24.6
27 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

CE GS cULus EAC

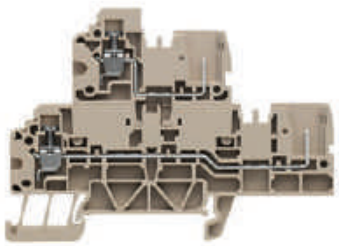
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5 AT	50	1305320000

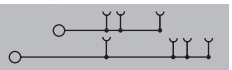
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5 AT		50	1305250000
APGSR 2.5/4		25	2457580000
APGCE		50	1514490000
APGLE 2.5/4		25	2457570000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

WDT 2.5/2 — 2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

CE GS cULus EAC

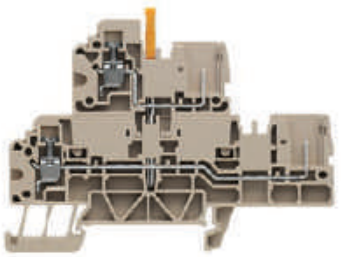
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5/2	50	1305290000

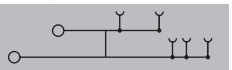
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5/2		50	1305260000
WEW 35/2		50	1061200000
APGSR 2.5/4		25	2457580000
APGCE		50	1514490000
APGLE 2.5/4		25	2457570000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000
ZVQ 2.5/1.5	24 A	50	1720700000

WDT 2.5/2 V — 2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20.1	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A4 / V-0		

CE GS cULus EAC

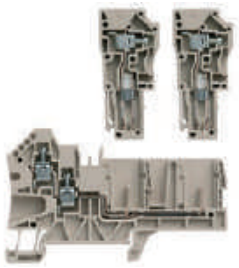
Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5/2 V	50	1305300000

Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
WAP WDT 2.5/2		50	1305260000
WEW 35/2		50	1061200000
APGSR 2.5/4		25	2457580000
APGCE		50	1514490000
APGLE 2.5/4		25	2457570000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

WT4 4 AN/2 — 4 mm²



Width/Height/Depth	mm	6.1 x 84.3 x 50
max. current / max. cond. cross-section	A/mm²	**32 / 6**
Max. clamping range	mm²	**0.5...6**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	800	600		
Rated current A	32	30		
for wire cross-section mm²	4	AWG 26...10		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...6 / 0.5...6	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)	
Stripping length / Blade size mm/-	9 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WT4 4AN/2	50	**1107680000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate / Partition plate				
dark beige	WAP WT4/4AN/2		50	**1107780000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Miscellaneous accessories WeiCoS				
Locking element	ZVR ZP4		25	**1855250000**
Coding element	KOSF ZT4		50	**1856860000**
Strain relief	ZZE ZP4		25	**1855260000**
Plug-in connector				
	WP4/1AN/1	32 A	50	**1107790000**
	WP4/1AN/1 ZA	32 A	50	**1108490000**
	WP4/1AN/10	32 A	10	**1107800000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/6 MC NE WS		1000	**1609820000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**

For detailed information on other accessories and application in the online catalogue

Single plates for individual assembly

WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

WeiCoS plug

- Single plates, plug ZP 2.5/1AN
- Marking option

Ordering data
2.5 mm²
4.0 mm²
Note

WP 2.5/1AN/1

Start plate

Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP4/1AN/1	50	1107790000

WP 2.5/1AN ZA 0.RA

Middle plate or end plate

Type	Qty.	Order No.
WP 2.5/1AN/1 ZA 0.RA	50	1351000000

WP 2.5/1AN ZA

Middle plate or end plate

Type	Qty.	Order No.
WP 2.5/1AN/1 ZA	50	1350990000
WP4/1AN/1 ZA	50	1108490000

Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm²
4.0 mm²
Note

Coding

Coding elements

Type	Qty.	Order No.
APGCE	50	1514490000
KOSF ZT4	50	1856860000

Application

Interlock

- APGLE to interlock with the terminal block
- APGLE interlock, plug – socket

Ordering data
2.5 mm² / 4 mm²
Note

APGLE

Locking element

Type	Qty.	Order No.
APGLE 2.5/4	25	2457570000

Application APGLE

Strain reliefs / Protective cover

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

Ordering data
2.5 mm²
2.5 mm² / 4 mm²
2.5 mm² / 4 mm²
2.5 mm² / 4 mm²
4.0 mm²
Note

APGSR

Strain reliefs

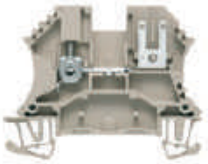
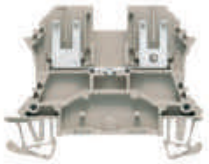
Type	Qty.	Order No.
APGSR 2.5/4	25	**2457580000**
APGSR 2.5/4 - 4P	25	**2457590000**
APGSR 2.5/4 - 8P	25	**2457600000**
ZVR ZP4	25	**1855250000**

ZAD ZT / ZPS

Protective cover

Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	**1861030000**

Application APGSR

	WDU 2.5 F	WDU 2.5 FF 2*2.8
	2.5 mm²	1 mm²
	Spade connection right	Spade connection left and right
		
Width/Height/Depth mm	5.1 x 60 x 46.25	5.1 x 60 x 46.25
max. current / max. cond. cross-section A/mm²	12 / 4	12 / 1
Max. clamping range mm²	0.13...4	...1

Technical data

Rated data						
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300		500	300	300	
Rated current A	12	16	10		12	16	10	
for wire cross-section mm²	2.5	AWG 22...12	AWG 26...12		1	AWG 22...14	AWG 26...12	
Rated impulse withstand voltage / Pollution severity	6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0				/ V-0			
Approvals	IEC 61210, In accordance with IEC 60947-7-1				IEC 61210, In accordance with IEC 60947-7-1			
Clamped conductors (H05V/H07V)	**Rated connection**		**Plug-in connection**		**Rated connection**		**Plug-in connection**	
Solid / Stranded mm²	0.5...4 / 1.5...4							
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5							
Tightening torque / Clamping screw Nm	0.4...0.8 / (M 2.5)				/			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm							
Note								

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDU 2.5 F 2X2.8	100	1021800000	WDU 2.5 FF 2X2.8	100	1021900000
Note						

Accessories

Screwable cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	1053660000	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate								
dark beige	WAP 2.5-10		50	1050000000	WAP 2.5-10		50	1050000000
Blue	WAP 2.5-10 BL		50	1050080000	WAP 2.5-10 BL		50	1050080000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Cover								
With lightning flash symbol	WAD 4 GE BED		50	1072000000	WAD 4 GE BED		50	1072000000
Blank, white	WAD 4 WS		50	1072100000	WAD 4 WS		50	1072100000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000	WS 8/5 MM WS		800	2007150000

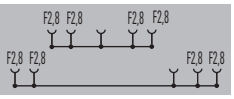
For detailed information on other accessories and application in the online catalogue

WDK 2.5 FF — 1 mm²

Spade connection left and right

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	-

5.1 x 75.5 x 62.5	
12 / 1	
...1	



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Tightening torque / Clamping screw	-
Stripping length / Blade size	-/-

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400		300	
12		10	
1		AWG 26...12	
		6 kV / 3	
		/ V-0	

CE cULus EAC cULus

Rated connection	Plug-in connection
/	

Note

Ordering data

Version	
	dark beige

Type	Qty.	Order No.
WDK 2.5 FF	50	1021700000

Note

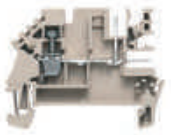
Accessories

Screwable cross-connection			
	2-pole	50	1053660000
	10-pole	20	1054460000
End plate / Partition plate			
	dark beige	20	1059100000
	Blue	20	1059180000
	dark beige	20	1058800000
End bracket			
	dark beige	50	1061200000
Cover			
	With lightning flash symbol	50	1072000000
	Blank, white	50	1072100000
Marking tags			
		1000	1609801044
		720	1640740000
		800	2007110000

For detailed information on other accessories and application in the online catalogue

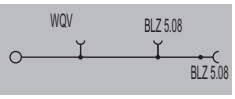
WDU 1.5 BLZ 5.08 WQV — 1.5 mm²

Screwable cross-connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.08 x 49 x 37
16 / 4
0.13...4



IEC 61210, In accordance with IEC 60947-7-1

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	300	300	
Rated current	16	20	10	
for wire cross-section	1.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 1.5/BLZ 5.08	100	1577340000

Note

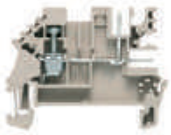
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole				
10-pole				
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
Without peg	WAP WDU1.5/BLZ		50	1577330000
With spigot	WAP WDU1.5/BLZ/ZA		50	1577320000
End bracket				
dark beige	WEW 35/2		50	1061200000
dark beige, screwable				
Mounting block for socket connector				
Without peg	WBB WDU1.5/BL...		10	1068160000
With spigot	WBB ZA WDU1.5/BL 10/10		10	1068260000
Plug-in connector				
	BLZP 5.08HC/04/180 SN OR BX		90	1943600000
	BLZP 5.08HC/06/180 SN OR BX		60	1943620000
	BLZP 5.08HC/08/180 SN OR BX		42	1943640000
	BLZP 5.08HC/04/180F SN OR BX		60	1944110000
	BLZP 5.08HC/06/180F SN OR BX		42	1944130000
	BLZP 5.08HC/08/180F SN OR BX		36	1944150000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC SDR		144	1609870000
	DEK 5/5 MM WS		800	2007110000
Miscellaneous accessories				
Cover for unused pins				

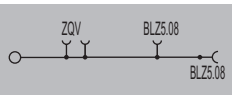
For detailed information on other accessories and application in the online catalogue

WDU 1.5 BLZ 5.08 ZQV — 1.5 mm²

Plug-in cross-connection



5.08 x 49 x 37
16 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	300	300	
Rated current	16	20	20	
for wire cross-section	1.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection	Plug-in connection
Solid / Stranded mm²	0.5...4 / 1.5...4	
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	
Tightening torque / Clamping screw Nm	0.4...0.6 / (M 2.5)	
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDU 1.5/ZQV/BLZ 5.08	100	1784460000

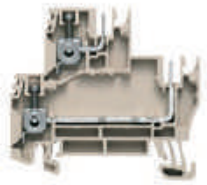
Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Screwable cross-connection				
2-pole				
10-pole				
End plate / Partition plate				
Without peg	WAP WDU1.5/BLZ		50	1577330000
With spigot	WAP WDU1.5/BLZ/ZA		50	1577320000
End bracket				
dark beige	WEW 35/2		50	1061200000
dark beige, screwable				
Mounting block for socket connector				
Without peg	WBB WDU1.5/BL...		10	1068160000
With spigot	WBB ZA WDU1.5/BL 10/10		10	1068260000
Plug-in connector				
	BLZP 5.08HC/04/180 SN OR BX		90	1943600000
	BLZP 5.08HC/06/180 SN OR BX		60	1943620000
	BLZP 5.08HC/08/180 SN OR BX		42	1943640000
	BLZP 5.08HC/04/180F SN OR BX		60	1944110000
	BLZP 5.08HC/06/180F SN OR BX		42	1944130000
	BLZP 5.08HC/08/180F SN OR BX		36	1944150000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC SDR		144	1609870000
	DEK 5/5 MM WS		800	2007110000
	SCHT 7		20	0517960000
	ZGB 30		20	1611930000
Miscellaneous accessories				

WDK 2.5 BLZ/5.08 — 2.5 mm²

Double terminal pitch 5.08



5.08 x 58 x 52.5
18 / 4
0.13...4

IEC 61984, In accordance with IEC 60947-7-1

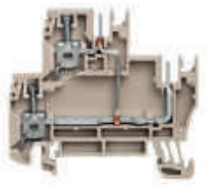
IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	20	
2.5	AWG 22...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

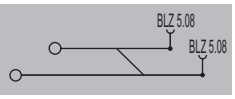
Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA	50	1034400000

Type	Qty.	Order No.
WAP WDK2.5/BLZ/0.ZA	20	1070000000
WAP WDK2.5/BLZ/M.ZA	20	1070100000
WEW 35/1	50	1059000000
WBB WDK2.5/BL5.08	10	1072660000
WBB ZA WDK2.5/BL5.08	10	1072760000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000
WAD WDU1.5/BLZ/BLA	20	1577400000

WDK 2.5 BLZ/5.08/ZA V — 2.5 mm²



5.08 x 58 x 52.5
18 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

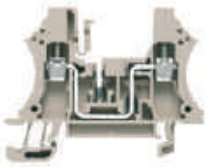
IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	20	
2.5	AWG 22...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
10 / 0.6 x 3.5 mm	

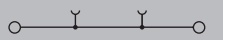
Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	50	1027410000

Type	Qty.	Order No.
WAP WDK2.5/BLZ/0.ZA	20	1070000000
WAP WDK2.5/BLZ/M.ZA	20	1070100000
WEW 35/1	50	1059000000
WBB WDK2.5/BL5.08	10	1072660000
WBB ZA WDK2.5/BL5.08	10	1072760000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000
WAD WDU1.5/BLZ/BLA	20	1577400000

WPO 4 — 4 mm²



Width/Height/Depth	6 x 60 x 46.5 mm
max. current / max. cond. cross-section	**32 / 4** A/mm²
Max. clamping range	**0.13...4** mm²



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque / Clamping screw	Nm
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
32	10	10	
4	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

CE cULus EAC

Rated connection
0.5...4
0.5...4 / 0.5...2.5
0.5...1 / (M 3)
8 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	dark beige

Note

Type	Qty.	Order No.
WPO 4	50	**1036000000**

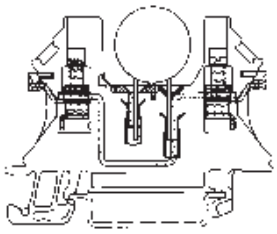
Accessories

Intermediate frame			
	Thickness 2.5 mm		
Busbar			
	1 m		
Marking tags			

Type	Qty.	Order No.
ZR WPO4 DB	20	**1071100000**
SSCH 7.3X1.2X1000	1	**1071200000**
DEK 5/6 MC NE WS	1000	**1609820000**
WS 12/5 MC NE WS	720	**1609860000**
DEK 5/6 MM WS	600	**2007120000**
WS 8/6 MM WS	600	**2007160000**

For detailed information on other accessories and application in the online catalogue

WPO 4 with varistor

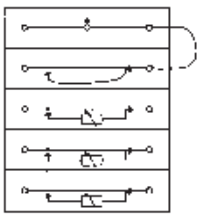


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc.
These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

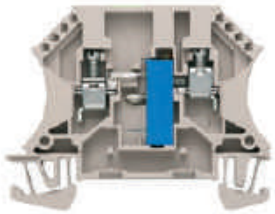
- **Cost saving:**
  Components can be changed quickly on site.
  Service requires only a visual inspection.
- **Clarity:**
  Components are easy to distinguish.
- **Flexibility:**
  Components can immediately be adapted to changed conditions.

Note:
Never change eletronic components under load!

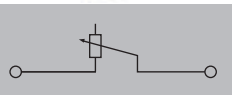


Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

WDUL 4/... | 4 mm²



Width/Height/Depth	mm	6.5 x 60 x 46.5
max. current / max. cond. cross-section	A/mm²	6 / 6
Max. clamping range	mm²	0.13...6



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage				
Rated current	120			
for wire cross-section	4			
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0	
Approvals	CE EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.6...0.8 / (M 3)			
Stripping length / Blade size mm/-	9 / 0.6 x 3.5 mm			
Component potentiometer				
Type potentiometer	Trim potentiometer, linear			
Resistance	100hm			
Tolerance (%)	10%			
Note				

Technical data for the 10 Ω compensating resistor

Resistor material: "Cermet"

Resistor setting range: 0...10 Ω

Wave form: linear

Temperature coefficient: 100 ppm/°C

Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range

Resistance change per spindle turn: ≈ 0,4 Ω

Rated output for total resistance: 1 watt at 70 °C

Rated current: 300 mA

Ambient temperature: -55 °C to +70 °C

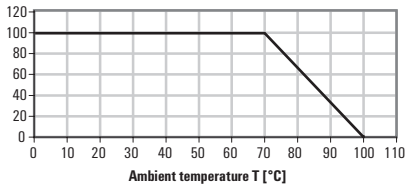
Ingress (seal) protection:

1) Leak tested in water at 70 °C without bubble formation
2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

Ordering data

Version	Type	Qty.	Order No.
10 Ω	WDUL 4/10	10	1027000000
100 Ω	WDUL 4/100	10	1027300000
500 Ω	WDUL 4/500	10	1027400000
1 kΩ	WDUL 4/1K	10	1027500000
5 kΩ	WDUL 4/5K	10	1027600000
10 kΩ	WDUL 4/10K	10	1027700000
50 kΩ	WDUL 4/50K	10	1027800000
500 kΩ	WDUL 4/500K	10	1028000000
without potentiometer	WDUL 4	10	8161820000
Note			

Capacity expressed in % of rated load



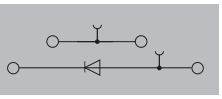
Accessories

End plate / Partition plate	Type	Qty.	Order No.
dark beige	WAP 2.5-10	50	1050000000
dark beige	WAP 16+35 WTW 2.5-10	20	1050100000
End bracket			
dark beige	WEW 35/2	50	1061200000
Screwdriver			
With "swifty set" cutting device	SWIFTY SET	1	9006060000
Standard	SDS 0.6X3.5X100	1	2749340000
Shield bus			
	LS 2.8 WDU2.5-10	100	1056400000
Marking tags			
	DEK 5/5 MC NE WS	1000	1609801044

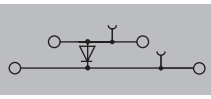
For detailed information on other accessories and application in the online catalogue

	WDK 2.5/D	2.5 mm²	WDK 2.5/D/1	2.5 mm²
	Reverse polarity protection		Suppression circuit e. g. for contactor	

Width/Height/Depth	mm	5.1 x 69 x 62.5
max. current / max. cond. cross-section	A/mm²	**0.5 / 4**
Max. clamping range	mm²	**0.05...4**



Width/Height/Depth	mm	5.1 x 69 x 62.5
max. current / max. cond. cross-section	A/mm²	**0.5 / 4**
Max. clamping range	mm²	**0.05...4**



Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	-		300		
Rated current	A	0.5	20		
for wire cross-section	mm²	2.5	AWG 22...12		
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Component 1			Diode 1N 4007 /		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4			
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Component diode					
Type diode		1N4007			
Forward current		1A			
Reverse voltage		1300V			
Forward voltage		0.7V			
Component LED					
Colour					
Voltage, min.					
Voltage, max.					
Current					
Component resistor					
Resistance					
Power loss					
Tolerance (%)					
Note					

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal	-	400	300	300	
Rated current	A	0.5	20	1	
for wire cross-section	mm²	2.5	AWG 22...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Component 1			Diode 1N 4007 /		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4			
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Component diode					
Type diode		1N4007			
Forward current		1A			
Reverse voltage		1300V			
Forward voltage		0.7V			
Component LED					
Colour					
Voltage, min.					
Voltage, max.					
Current					
Component resistor					
Resistance					
Power loss					
Tolerance (%)					
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 1D	25	**8025610000**
dark beige (red LED)			
dark beige (green LED)			
Note			

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 1D A.1	25	**1023400000**
dark beige (red LED)			
dark beige (green LED)			
Note			

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/5 MM WS		800	**2007110000**

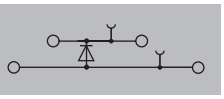
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/5 MM WS		800	**2007110000**

For detailed information on other accessories and application in the online catalogue

WDK 2.5/D/2 — 2.5 mm²

Suppression circuit e. g. for contactor

5.1 x 69 x 62.5
0.5 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	1	
2.5	AWG 22...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		

CE CSA EAC UL

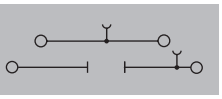
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

WDK 2.5/D/3 — 2.5 mm²

5.1 x 69 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
	6 kV / 3		
	A3 / V-0		

CE EAC

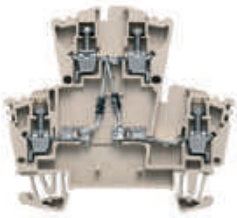
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/D/3	50	1023100000

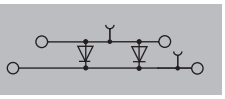
Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

WDK 2.5/D/4 — 2.5 mm²

Lamp test circuits



5.1 x 69 x 62.5
0.5 / 4
0.05...4



IEC 60947-7-1

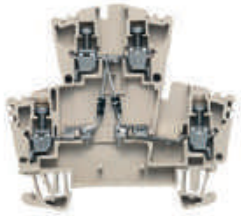
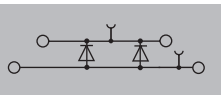
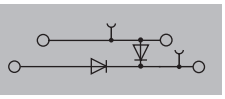
IEC	UL	CSA	EN 60079-7
400	300		
0.5	20		
2.5	AWG 22...12		
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 / Diode 1N 4007		

CE EAC UL

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm
1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
WDK 2.5 2D 1.A	25	8014670000

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

	WDK 2.5/D/5	WDK 2.5/D/6
	2.5 mm²	2.5 mm²
	Lamp test circuits	Lamp test circuits
		
Width/Height/Depth mm	5.1 x 69 x 62.5	5.1 x 69 x 62.5
max. current / max. cond. cross-section A/mm²	**0.5 / 4**	**0.5 / 4**
Max. clamping range mm²	**0.05...4**	**0.05...4**
		

Technical data

Rated data						
Rated voltage of feed-through terminal	V	IEC 60947-7-1				
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**	
for wire cross-section	mm²	400	300	300		
Rated impulse withstand voltage / Pollution severity		0.5	20	10		
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 22...12	AWG 26...12		
Component 1		6 kV / 3				
Approvals		A3 / V-0				
		Diode 1N 4007 / Diode 1N 4007				
		CE cULus EAC				
Clamped conductors (H05V/H07V)		**Rated connection**				
Solid / Stranded	mm²	0.5...4 / 1.5...4				
Flexible / Flexible with ferrule	mm²	0.5...4				
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				
Component diode						
Type diode		1N4007				
Forward current		1A				
Reverse voltage		1300V				
Forward voltage		0.7V				
Component LED						
Colour						
Voltage, min.						
Voltage, max.						
Current						
Component resistor						
Resistance						
Power loss						
Tolerance (%)						
Note						

		IEC 60947-7-1				
		IEC	**UL**	**CSA**	**EN 60079-7**	
		400	300	300		
		0.5	20	10		
		2.5	AWG 22...12	AWG 26...12		
		6 kV / 3				
		A3 / V-0				
		Diode 1N 4007 / Diode 1N 4007				
		CE cULus EAC				
		Rated connection				
		0.5...4 / 1.5...4				
		0.5...4				
		0.4...0.6 / (M 2.5)				
		10 / 0.6 x 3.5 mm				
		1N4007				
		1A				
		1300V				
		0.7V				

Ordering data

Version	Type	Qty.	Order No.
dark beige	WDK 2.5 2D 2.A	25	**1022600000**
dark beige (red LED)			
dark beige (green LED)			
Note			

Type	Qty.	Order No.
WDK 2.5 2D	25	**1023500000**

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 2.5/2	32 A	50	**1053660000**
10-pole	WQV 2.5/10	32 A	20	**1054460000**
End plate / Partition plate				
dark beige	WAP WDK2.5		20	**1059100000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**
	DEK 5/5 MM WS		800	**2007110000**

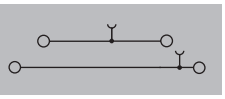
Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**

For detailed information on other accessories and application in the online catalogue

WDK 2.5/D — 2.5 mm²

For installing electronic components

5.1 x 69.5 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
10			
2.5			
	6 kV / 3		
	A3 / V-0		

CE EAC

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

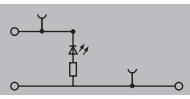
Type	Qty.	Order No.
WDK 2.5/D	100	**1023200000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**

WDK 2.5 LD + - — 2.5 mm²

DC voltage indicator + / -

5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

CE EAC

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm
red
6V
24V
20mA
4.7kOhm
0.4W
1%

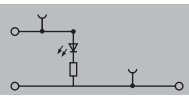
Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	**1023600000**
WDK 2.5 LD/GN 1R 24VDC	25	**8023610000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**

WDK 2.5 LD - + — 2.5 mm²

DC voltage indicator - / +

5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

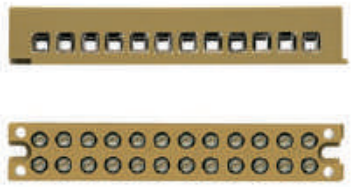
CE EAC

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 /
10 / 0.6 x 3.5 mm
red
6V
24V
20mA
4.7kOhm
0.4W
1%

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC -+	25	**8023630000**
WDK 2.5 LD GR 1R 24VDC	25	**8010040000**

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	**1053660000**
WQV 2.5/10	32 A	20	**1054460000**
WAP WDK2.5		20	**1059100000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**
DEK 5/5 MM WS		800	**2007110000**

	MK 2/12	2.5 mm²	MK 3/2...12	2.5 mm²



Width/Height/Depth	mm	15 x 86 x 15	
max. current / max. cond. cross-section	A/mm²	**24 / 4**	
Max. clamping range	mm²	**0.2...4**	

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	125	300	300	
Rated current	24	10	10	
for wire cross-section	2.5	AWG 24...12	AWG 24...12	
Rated impulse withstand voltage / Pollution severity		2.5 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-2		
Approvals				
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5			
Tightening torque / Clamping screw	...0.4 / (M 2.5)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm			

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	400	300	300	
Rated current	24	20	25	
for wire cross-section	2.5	AWG 22...12	AWG 22...12	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / 5VA		
Approvals				
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5			
Tightening torque / Clamping screw	0.4...0.45 / (M 2.5)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm			

Note

Ordering data

Sorting of order data TK 1/SAK

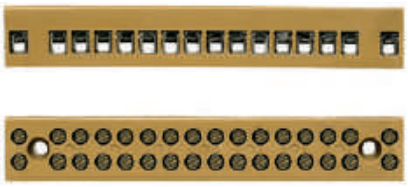
	Type	Height	Mounting	Qty.	Order No.
2-pole					
3-pole					
4-pole					
5-pole					
6-pole					
7-pole					
8-pole					
10-pole					
12-pole	MK 2/12	86	80	50	**0241260000**
16-pole					

Type	Height	Mounting	Qty.	Order No.
MK 3/2	15	18.5	100	**0273820000**
MK 3/3	15	18.5	50	**0273920000**
MK 3/4	15	18.5	50	**0274020000**
MK 3/5	15	18.5	50	**0274120000**
MK 3/6	15	37	50	**0274220000**
MK 3/7	15	37	50	**0274320000**
MK 3/8	15	55.5	25	**0274420000**
MK 3/10	15	74	20	**0274620000**
MK 3/12	15	92.5	20	**0243520000**

Note

For detailed information on other accessories and application in the online catalogue

MK 4/16 — 2.5 mm²



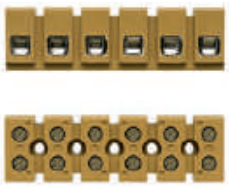
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	150	
24	15	15	
2.5	AWG 24...12	AWG 22...12	
	6 kV / 3		
	A2 / 5VA		

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5
0.4...0.45 / (M 2.5)
5 / 0.6 x 3.5 mm

Type	Height	Mounting	Qty.	Order No.
MK 4/16	103	85.5	20	**0244220000**

MK 6/2...6/6 — 6 mm²



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300	300	
41	30	40	
6	AWG 22...10	AWG 22...10	
	8 kV / 3		
	A3 / 5VA		

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...2 / (M 4)
9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 6/2	23.5		50	**0620420000**
MK 6/3	36.5	13	50	**0620320000**
MK 6/4	49.5	26	20	**0620220000**
MK 6/6	75.5	52	20	**0620120000**

	MK 5/2 0.DE	2.5 mm²	BK 2...12	4 mm²
Width/Height/Depth mm	18 x 40 x 14.2			
max. current / max. cond. cross-section A/mm²	**24 / 4**			
Max. clamping range mm²	**0.2...4**			

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500		300	
Rated current	24		25	
for wire cross-section	2.5		AWG 20...14	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / 5VA	
Approvals	CE, CSA, EAC			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...1.5			
Tightening torque / Clamping screw	0.4/ (M 2.5)			
Stripping length / Blade size	5 / 0.6 x 3.5 mm			
Note				

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	400	150	300	
Rated current	32	20	10	
for wire cross-section	4	AWG 26...12	AWG 22...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0, 5VA	
Approvals	CE, CSA, EAC, KTL, UL			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	0.5...4 / 0.5...4			
Tightening torque / Clamping screw	0.5...0.6 / (M 3)			
Stripping length / Blade size	8 / 4.0 x 0.8 mm			
Note	Two solid (single-core) conductors of equal cross-section (0.5 .. 1.5 mm²) can be connected.			

Ordering data

Sorting of order data TK 1/SAK	Type	Height	Mounting	Qty.	Order No.
2-pole	MK 5/2 0.DE	40	32	100	**0243820000**
3-pole					
4-pole					
6-pole					
12-pole					
Note					

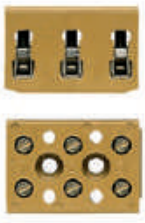
Type	Height	Mounting	Qty.	Order No.
BK 2 CRN	20		100	**0624720000**
BK 3 CRN	31	11	100	**0624920000**
BK 4 CRN	38	18	100	**0625120000**
BK 6 CRN	52	32	50	**0625220000**
BK 12 CRN	92	72.5	25	**0625320000**

Accessories

Lid / cover	Type	Qty.	Order No.
	D 2 MK5/2 PA/NA	50	**0244060000**

For detailed information on other accessories and application in the online catalogue

Screw connection with clamping-yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

	BK 2...12/E	MK 3/2...12/E
	4 mm²	**2.5 mm²**
	Solid / stranded **Flexible / flexible with wire-end ferrule**	
		
Width/Height/Depth mm	22 x 92 x 20	
max. current / max. cond. cross-section A/mm²	**32 / 4**	
Max. clamping range mm²	**0.33...4**	

Technical data

	BK 2...12/E				MK 3/2...12/E			
IEC 60947-7-1	Ex eb II C Gbll 2 G D				Ex eb II C Gbll 2 G D			
Rated data	**IEC**	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	400	150	300	275	400	300	300	275
Rated current	32	20	10	28	24	20	25	24
for wire cross-section	4	AWG 26...12	AWG 22...12	4 mm²	2.5	AWG 22...12	AWG 22...12	4 mm²
Rated impulse withstand voltage / Pollution severity	6 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0, 5VA				A2 / 5VA			
Approvals	BAS 98ATEX3084 U				BAS 99ATEX2124 U			
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded	0.5...4 / 1.5...4				0.5...4 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...4 / 0.5...4				0.5...2.5 / 0.5...1.5			
Tightening torque / Clamping screw	0.5...0.6 / (M 3)				0.4...0.45 / (M 2.5)			
Stripping length / Blade size	8 / 4.0 x 0.8 mm				5 / 0.6 x 3.5 mm			
Note	Two solid (single-core) conductors of equal cross-section (0.5 .. 1.5 mm²) can be connected.							

Ordering data

Sorting of order data TK 1/SAK	BK 2...12/E Type	Height	Mounting	Qty.	Order No.	MK 3/2...12/E Type	Height	Mounting	Qty.	Order No.
2-pole	BK 2/E	20		100	**7906040000**	MK 3/2/E	15	18.5	100	**7906110000**
3-pole	BK 3/E	31	11	100	**7906060000**	MK 3/3/E	15	18.5	50	**7906120000**
4-pole	BK 4/E	38	18	100	**7906080000**	MK 3/4/E	15	18.5	50	**7906130000**
5-pole										
6-pole	BK 6/E	52	32	50	**7906090000**	MK 3/6/E	15	37	50	**7906150000**
8-pole						MK 3/8/E	15	55.5	25	**7906170000**
12-pole	BK 12/E	92	72.5	25	**7906100000**	MK 3/12/E	110	92.5	20	**7906210000**
Note	*DU = feed-through terminals, PE = PE terminals									

For detailed information on other accessories and application in the online catalogue

MK 6/2...6/E — 6 mm²

IEC 60947-7-1		Ex eb II C GbII 2 G D	
IEC	**UL**	**CSA**	**EN 60079-7**
690	300		440
41	30		36
6	AWG 22...10		6 mm²
	8 kV / 3		
	A3 / 5VA		
			BAS 99ATEX2123 U

Rated connection
0.5...6 / 1.5...6
0.5...6 / 0.5...4
1.2...1.2 / (M 4)
9 / 4.0 x 0.8 mm

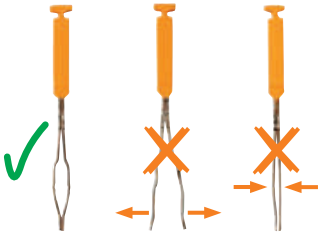
Type	Height	Mounting	Qty.	Order No.
MK 6/2/E	23.5		50	**7906220000**
MK 6/3/E	36.5	13	50	**7906230000**
MK 6/4/E	49.5	26	20	**7906240000**
MK 6/5/E	6250	26	20	**7906250000**
MK 6/6/E	75.5	52	20	**7906260000**

ZQV plug-in cross-connection

Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

Assembly / Technical information

- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed



In one cross-connection channel

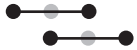
single

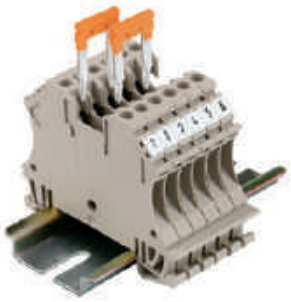
adjacent

bridging

In two cross-connection channels

parallel/bridging



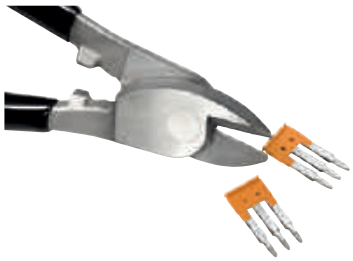


parallel/lengthening

Possible cross-connections of terminals of the same type with corresponding cross-connectors

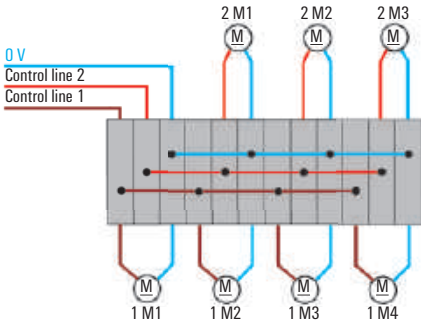
Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		

Continuous cross-connection
ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



Special features of
WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials
  Important! Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials
  Important! Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



Important! By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.

Cross-connection

ZQV 2.5N

Technical data	
Rated current	A
	24

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 2.5N/2	60	1527540000
3-pole	ZQV 2.5N/3	60	1527570000
4-pole	ZQV 2.5N/4	60	1527590000
5-pole	ZQV 2.5N/5	20	1527620000
6-pole	ZQV 2.5N/6	20	1527630000
7-pole	ZQV 2.5N/7	20	1527640000
8-pole	ZQV 2.5N/8	20	1527670000
9-pole	ZQV 2.5N/9	20	1527680000
10-pole	ZQV 2.5N/10	20	1527690000
20-pole	ZQV 2.5N/20	20	1527720000
41-poles			
50-pole	ZQV 2.5N/50	5	1527730000

Note

ZQV 4N

Technical data	
	32

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 4N/2	60	1527930000
3-pole	ZQV 4N/3	60	1527940000
4-pole	ZQV 4N/4	60	1527970000
5-pole	ZQV 4N/5	60	1527980000
6-pole	ZQV 4N/6	20	1527990000
7-pole	ZQV 4N/7	20	1528020000
8-pole	ZQV 4N/8	20	1528030000
9-pole	ZQV 4N/9	20	1528070000
10-pole	ZQV 4N/10	20	1528090000
20-pole	ZQV 4N/20		2883800000
41-poles	ZQV 4N/41		2883810000
50-pole	ZQV 4N/50	5	1528130000

Note

Technical data	
Rated current	A
	24

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 2.5N/2 BL	60	1527740000
3-pole	ZQV 2.5N/3 BL	60	1527770000
4-pole	ZQV 2.5N/4 BL	60	1527780000
5-pole	ZQV 2.5N/5 BL	20	1527790000
6-pole	ZQV 2.5N/6 BL	20	1527820000
7-pole	ZQV 2.5N/7 BL	20	1527830000
8-pole	ZQV 2.5N/8 BL	20	1527840000
9-pole	ZQV 2.5N/9 BL	20	1527870000
10-pole	ZQV 2.5N/10 BL	20	1527880000
20-pole	ZQV 2.5N/20 BL	20	1527890000
41-poles			
50-pole	ZQV 2.5N/50 BL	5	1527920000

Note

Technical data	
	32

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 4N/2 BL	60	1528040000
3-pole	ZQV 4N/3 BL	60	1528080000
4-pole	ZQV 4N/4 BL	60	1528120000
5-pole	ZQV 4N/5 BL	60	1528140000
6-pole	ZQV 4N/6 BL	20	1528170000
7-pole	ZQV 4N/7 BL	20	1528180000
8-pole	ZQV 4N/8 BL	20	1528190000
9-pole	ZQV 4N/9 BL	20	1528220000
10-pole	ZQV 4N/10 BL	20	1528230000
20-pole	ZQV 4N/20 BL	20	2810850000
41-poles	ZQV 4N/41 BL		2883820000
50-pole	ZQV 4N/50 BL	5	1528240000

Note

Technical data	
Rated current	A
	24

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 2.5N/2 RD	60	2108470000
3-pole	ZQV 2.5N/3 RD	60	2108690000
4-pole	ZQV 2.5N/4 RD	60	2108700000
5-pole	ZQV 2.5N/5 RD	20	2108710000
6-pole	ZQV 2.5N/6 RD	20	2108720000
7-pole	ZQV 2.5N/7 RD	20	2108810000
8-pole	ZQV 2.5N/8 RD	20	2108870000
9-pole	ZQV 2.5N/9 RD	20	2108900000
10-pole	ZQV 2.5N/10 RD	20	2108910000
20-pole	ZQV 2.5N/20 RD	20	2108920000
41-poles			
50-pole	ZQV 2.5N/50 RD	5	2109000000

Note

Technical data	
	32

Ordering data	Type	Qty.	Order No.
2-pole	ZQV 4N/2 RD	60	2460450000
3-pole	ZQV 4N/3 RD	60	2460810000
4-pole	ZQV 4N/4 RD	60	2460800000
5-pole	ZQV 4N/5 RD	60	2460790000
6-pole	ZQV 4N/6 RD	20	2460780000
7-pole	ZQV 4N/7 RD	20	2460770000
8-pole	ZQV 4N/8 RD	20	2460760000
9-pole	ZQV 4N/9 RD	20	2460750000
10-pole	ZQV 4N/10 RD	20	2460740000
20-pole	ZQV 4N/20 RD	20	2810860000
41-poles	ZQV 4N/41 RD		2883840000
50-pole	ZQV 4N/50 RD	5	2460730000

Note

Cross-connection

ZQV 2.5N

Technical data			
Rated current	A	24	
Ordering data			
		Type	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 WT	60	**2831560000**
3-pole		ZQV 2.5N/3 WT	60	**2831570000**
4-pole		ZQV 2.5N/4 WT	60	**2831580000**
5-pole		ZQV 2.5N/5 WT	20	**2831590000**
6-pole		ZQV 2.5N/6 WT	20	**2831600000**
7-pole		ZQV 2.5N/7 WT	20	**2831610000**
8-pole		ZQV 2.5N/8 WT	20	**2831620000**
9-pole		ZQV 2.5N/9 WT	20	**2831630000**
10-pole		ZQV 2.5N/10 WT	20	**2831640000**
20-pole		ZQV 2.5N/20 WT	20	**2831650000**
41-poles				
50-pole		ZQV 2.5N/50 WT	5	**2831660000**
Note				

ZQV 4N

32		
Type	**Qty.**	**Order No.**
ZQV 4N/2 WT	60	**2831800000**
ZQV 4N/3 WT	60	**2831810000**
ZQV 4N/4 WT	60	**2831820000**
ZQV 4N/5 WT	60	**2831830000**
ZQV 4N/6 WT	20	**2831840000**
ZQV 4N/7 WT	20	**2831850000**
ZQV 4N/8 WT	20	**2831860000**
ZQV 4N/9 WT	20	**2831870000**
ZQV 4N/10 WT	20	**2831790000**

Technical data			
Rated current	A	24	
Ordering data			
		Type	**Qty.**	**Order No.**
2-pole		ZQV 2.5N/2 BK	60	**2831670000**
3-pole		ZQV 2.5N/3 BK	60	**2831680000**
4-pole		ZQV 2.5N/4 BK	60	**2831690000**
5-pole		ZQV 2.5N/5 BK	20	**2831700000**
6-pole		ZQV 2.5N/6 BK	20	**2831710000**
7-pole		ZQV 2.5N/7 BK	20	**2831720000**
8-pole		ZQV 2.5N/8 BK	20	**2831730000**
9-pole		ZQV 2.5N/9 BK	20	**2831740000**
10-pole		ZQV 2.5N/10 BK	20	**2831750000**
20-pole		ZQV 2.5N/20 BK	20	**2831760000**
41-poles				
50-pole		ZQV 2.5N/50 BK	5	**2831770000**
Note				

32		
Type	**Qty.**	**Order No.**
ZQV 4N/2 BK	60	**2810840000**
ZQV 4N/3 BK	60	**2810880000**
ZQV 4N/4 BK	60	**2810890000**
ZQV 4N/5 BK	60	**2810900000**
ZQV 4N/6 BK	20	**2810910000**
ZQV 4N/7 BK	20	**2810920000**
ZQV 4N/8 BK	20	**2810930000**
ZQV 4N/9 BK	20	**2831780000**
ZQV 4N/10 BK	20	**2810830000**
ZQV 4N/20 BK	20	**2810870000**
ZQV 4N/41 BK	10	**2831890000**

WQV screw-in cross-connection

Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.

- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

Any number of poles (extending)
Pre-fitted cross-connections can be set one after the other to produce any required number of poles.
To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.

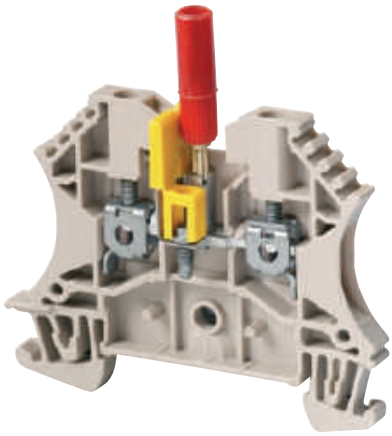
- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

Routing 2 potentials in parallel

- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (see on the next page).

WQV in combination with a socket contact and test plug

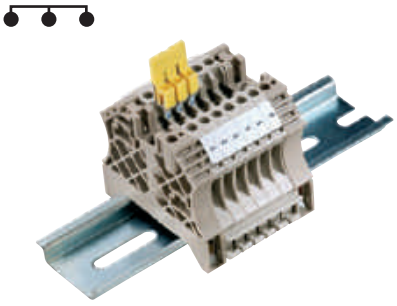
- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.



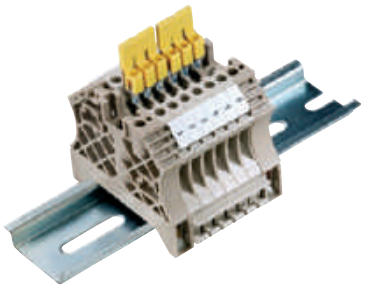
Potential distribution – possible combinations

In one cross-connection channel

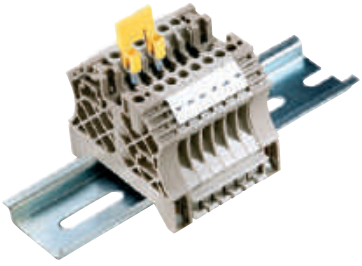
single



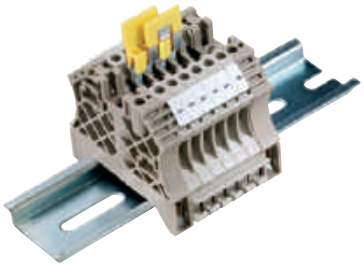
adjacent



bridging



parallel/bridging



parallel/lengthening

Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type Standard	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•			
WDU 120/150	WQV 120/150	•	•			
WDU 240	WQB 240	•	•			
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•			
WDU 50N	WQV 50N	•	•			
WDU 70N	WQV 70N	•	•			
WDU 95N/120N	WQV 95N/120N	•	•			

WQV 2.5

Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

	32

Type	Qty.	Order No.
WQV 2.5/2	50	1053660000
WQV 2.5/3	50	1053760000
WQV 2.5/4	50	1053860000
WQV 2.5/5	10	1053960000
WQV 2.5/6	10	1054060000
WQV 2.5/7	10	1054160000
WQV 2.5/8	10	1054260000
WQV 2.5/9	10	1054360000
WQV 2.5/10	20	1054460000
WQV 2.5/15	10	1059660000
WQV 2.5/20	10	1577570000
WQV 2.5/32	10	1577600000

WQV 4

	41

Type	Qty.	Order No.
WQV 4/2	50	1051960000
WQV 4/3	50	1054560000
WQV 4/4	50	1054660000
WQV 4/5	10	1057860000
WQV 4/6	10	1057160000
WQV 4/7	10	1057260000
WQV 4/10	20	1052060000

WQV 6

	57

Type	Qty.	Order No.
WQV 6/2	50	1052360000
WQV 6/3	50	1054760000
WQV 6/4	50	1054860000
WQV 6/5	50	1062660000
WQV 6/6	50	1062670000
WQV 6/7	50	1062680000
WQV 6/10	20	1052260000

WQV 35N

Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

	125

Type	Qty.	Order No.
WQV 35N/2	20	1079200000
WQV 35N/3	20	1079300000
WQV 35N/4	20	1079400000

WQV 50N

	150

Type	Qty.	Order No.
WQV 50N/2	5	1834060000
WQV 50N/3	5	1834070000
WQV 50N/4	5	1834080000
WQV 50N/5	5	2004960000
WQV 50N/5/3/1	5	1469080000

WQV 70N

	192

Type	Qty.	Order No.
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000
WQV 70N/5/3/1	5	1393020000

WQV 10

63

Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

WQV 16

101

Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

WQV 16N

76

Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

WQV 35

112

Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

WQV 70/95

232

Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

WQV 95N/120N

269

Type	Qty.	Order No.
WQV 95N/120N/2	5	1826890000
WQV 95N/120N/3	5	1826900000
WQV 95N/120N/4	5	1826910000
WQV 95N/120N/5/3/1	5	1469090000

WQV 120

269

Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000

Screwable QV

Q AKZ 4 SS

Technical data	
Rated current	A
	32
Ordering data	
	2-pole
	3-pole
	4-pole
	10-pole
	20-pole
Note	

Type	Qty.	Order No.
Q 2 AKZ4SS	50	**0369000000**
Q 10 AKZ4SS	20	**0369300000**

Q / DLI

Technical data	
	24

Type	Qty.	Order No.
Q 2 DLI	50	**1312500000**
Q 3 DLI	50	**1312600000**
Q 4 DLI	50	**1312700000**
Q 10 DLI	20	**1313100000**
Q 20 DLI	20	**1399800000**

Q AKZ 1.5

Technical data	
	24

Type	Qty.	Order No.
Q 2 AKZ1.5	50	**0368200000**
Q 3 AKZ1.5	50	**0368300000**
Q 4 AKZ1.5	50	**0368400000**
Q 10 AKZ1.5	20	**0368500000**

Screwable QV

Q AKZ 4

Technical data	
Rated current	A
	24
Ordering data	
	2-pole
	3-pole
	4-pole
	10-pole
	20-pole
Note	

Type	Qty.	Order No.
Q 2 AKZ4	50	**0336400000**
Q 3 AKZ4	50	**0336500000**
Q 4 AKZ4	50	**0336600000**
Q 10 AKZ4	20	**0368600000**

Q / WDL

Technical data	
	24

Type	Qty.	Order No.
Q 2 WDL2.5S	50	**1071500000**
Q 3 WDL2.5S	50	**1071600000**
Q 4 WDL2.5S	50	**1071700000**
Q 10 WDL2.5S	20	**1071800000**
Q 20 WDL2.5S	20	**1074200000**

Potential supply with cross-section reduction

Feed-in via output terminal

WDU 35

onto WDU 10

Technical data		to WDU 35	to WDU 10
Rated current	A	57	
Tightening torque	-	0.6...1.2	

Ordering data		Type	Qty.	Order No.
	2-pole	WQV 35-10	10	**1068000000**
	3-pole			
	6-pole			

Note

WDU 35

onto WDU 2.5

Technical data		to WDU 35	to WDU 2.5
Rated current	A	41	
Tightening torque	-	0.4...0.8	

Ordering data		Type	Qty.	Order No.
	2-pole			
	3-pole	WQV 35-2.5	10	**1064100000**
	6-pole			

Note

Feed-in via output terminal

WDU 16

WDU 2.5

Technical data		to WDU 16	to WDU 2.5
Rated current	A	76	
Tightening torque	-		

Ordering data		Type	Qty.	Order No.
	2-pole	WQV 16-2.5	10	**1063900000**
	3-pole			
	6-pole			

Note

WDU 16N

WDU 2.5

Technical data		to WDU 16	to WDU 2.5
Rated current	A	76	
Tightening torque	-		

Ordering data		Type	Qty.	Order No.
	2-pole	WQV 16N-2.5	10	**1073100000**
	3-pole			
	6-pole			

Note

WDU 16N

WDU 4 / WDU 6

Technical data		to WDU 16N	to WDU 4 / 6
Rated current	A	57	
Tightening torque	-		

Ordering data		Type	Qty.	Order No.
	2-pole	WQV 16N-4/6	10	**1072500000**
	3-pole			
	6-pole			

Note

Feed-in via output terminal

WDU 10

WDU 2.5

Technical data		to WDU 10	to WDU 2.5
Rated current	A	57	
Tightening torque	-		

Ordering data		Type	Qty.	Order No.
	2-pole	Q WDU10-2.5 SET	10	**1859620000**
	3-pole			
	6-pole			

Note

WDU 6

WDU 2.5

Technical data		to WDU 6	to WDU 2.5
Rated current	A	41	
Tightening torque	-		

Ordering data		Type	Qty.	Order No.
	2-pole	Q WDU6-2.5 SET	10	**1859600000**
	3-pole			
	6-pole			

Note

Note

Cross-connectors reducing the cross-section may not be used in ATEX applications.

Feed-in via output terminal

Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

WDU 10

WDU 4

to WDU 10	to WDU 4
32	

Type	Qty.	Order No.
Q WDU10-4 SET	10	**1859610000**

WDU 35

WDU 4 / WDU 6

to WDU 35	to WDU 4 / 6
41	
0.5...1	

Type	Qty.	Order No.
WQV 35-4/6	10	**1064200000**

WDU 16

WDU 4 / WDU 6

to WDU 16	to WDU 4 / 6
76	

Type	Qty.	Order No.
WQV 16-4/6	10	**1064000000**

Test adapter

		WTA 1	WTA 2	WTA 3
Dimensions				
Width / Length / Height	mm	5 / / 66.1	5 / / 66.1	6 / / 66.1
Stripping length	mm	6	6	6
Rated data		**IEC** **UL** **CSA**	**IEC** **UL** **CSA**	**IEC** **UL** **CSA**
Rated voltage	V	250 0	250 0	250 0
Rated current	A	6 0	6 0	6 0
for wire cross-section	mm²	1.5 LEER	1.5 LEER	1.5 LEER
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	0.5…1.5	0.5…1.5	0.5…1.5
Flexible / Flexible with ferrule	mm²	1…1.5	1…1.5	1…1.5
Ordering data		**Type** **Qty.** **Order No.**	**Type** **Qty.** **Order No.**	**Type** **Qty.** **Order No.**
	1-pole	WTA 1 WDU1.5 25 **1632290000**	WTA 2 WDU2.5-10 25 **1632320000**	WTA 3 WDU4 25 **1632350000**
	with snap-in pegs	WTA 1/ZA WDU1.5 25 **1632300000**	WTA 2/ZA WDU2.5-10 25 **1632330000**	WTA 3/ZA WDU4 25 **1632360000**
	10-pole		WTA 2/10 WDU2.5/10 5 **1632340000**	
Note				

Test adapter

		WTA 6	WTA 7
Dimensions			
Width / Length / Height	mm	5 / / 66.1	6 / / 68.15
Stripping length	mm	6	6
Rated data		**IEC** **UL** **CSA**	**IEC** **UL** **CSA**
Rated voltage	V	250 0	250 0
Rated current	A	6 0	6 0
for wire cross-section	mm²	1.5 LEER	1.5 LEER
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5…1.5	0.5…1.5
Flexible / Flexible with ferrule	mm²	1…1.5	1…1.5
Ordering data		**Type** **Qty.** **Order No.**	**Type** **Qty.** **Order No.**
	1-pole	WTA 6 WTR2.5 25 **1632380000**	WTA 7 WSI6 25 **1650210000**
	with snap-in pegs	WTA 6/ZA WTR2.5 25 **1632390000**	
	10-pole		
Note			

WTA 4N

5 / / 55		
6		
IEC	**UL**	**CSA**
250	0	
6	0	
1.5	LEER	
0.5…1.5		
1…1.5		

Type	Qty.	Order No.
WTA 4N WDK 2.5	25	**1878660000**
WTA 4N/ZA WDK 2.5	25	**1879350000**

WTA 5

5 / / 17		
8		
IEC	**UL**	**CSA**
250	0	
6	0	
0.75	LEER	
0.5…1		
1…1		

Type	Qty.	Order No.
WTA 5/1	25	**1051260000**
WTA 5/10	5	**1062060000**

Test adapter

Dimensions	
Width / Length / Height	mm
Stripping length	-
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	-
Ordering data	
	beige
	green
Note	

WTA 8

6 / / 39		
IEC	**UL**	**CSA**
205	0	
6	0	
1.5	LEER	
0.5…2.5		

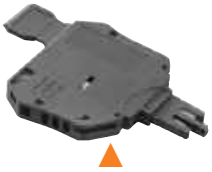
Type	Qty.	Order No.
WTA 8 TN	25	**1915450000**
WTA 8 KO-TN	25	**1915480000**

SIHA fuse holder

For 5x20 G-fuse cartridges
The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement

- Marking position for Dekafix 5 and space for self-adhesive label size 8/20



1. Open fuse holder with fingers or screwdriver.

3. Position new fuse.

2. Press out old fuse.

4. Press fuse holder together again with fingers or screwdriver.

SIHA 1

without LED		Qty.	Order No.
SIHA1/G20	400 V	1	**9537550000**
with LED (rot)			
SIHA1/G20	10 - 36 V	1	**9537560000**

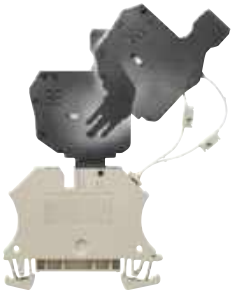
For test-disconnect terminal versions
WTR 2.5/ZZ

SIHA 3

without LED		Qty.	Order No.
SIHA3/G20	400 V	1	**7921560000**
with LED (rot)			
SIHA3/G20	10 - 36 V	1	**7921570000**
	35 - 70 V	1	**7921580000**
	60 - 150 V	1	**7921590000**
	140 - 250 V	1	**7921600000**

For test-disconnect terminal versions
WTR 4
WTR 4/ZZ
WTR 4/ZR
WTR 2,5

SIHA STRAP



with strap	Qty.	Order No.
SIHA STRAP	20	**9537680000**

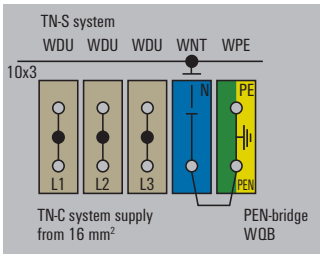
Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

PEN bridges

Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

Standard installation
Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm². **Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

Building installation with N-conductor isolation
Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



External PEN bridge

Inside PEN bridge

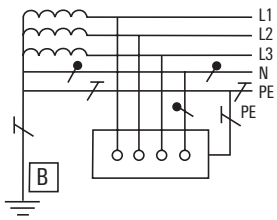
WQB-PEN ...

Type	Qty	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	**1060300000**	WPE 10 WDU 10 BL
WQB-PEN 16	10	**1060200000**	WPE 16 WDU 16 BL
WQB-PEN 35	10	**1060100000**	WPE 35 WDU 35 BL
with compact terminals			
WQB-PEN 16N	10	**1079600000**	WNT 16N WPE 16N
WQB-PEN 35N	10	**1079500000**	WNT 35N WPE 35N
WQB-PEN 70N	10	**1079700000**	WNT 70N WPE 70N

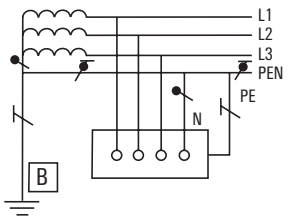
WQV ... -PEN

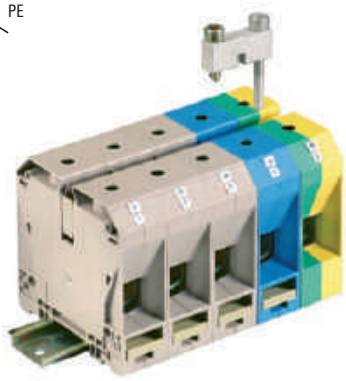
Typ	Qty	Order No.	For terminal
WQV 16N-PEN	10	**1071360000**	WPE 16N WDU 16N BL
WQV 70N-PEN	5	**9525840000**	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	**1072300000**	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	**1072400000**	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		**9201610000**	WPE 50N WDU 50N
WQV 95N/120N-PEN		**9201630000**	WPE 95N/120N WDU 95N/120N

TN-S system:



TN-C system:





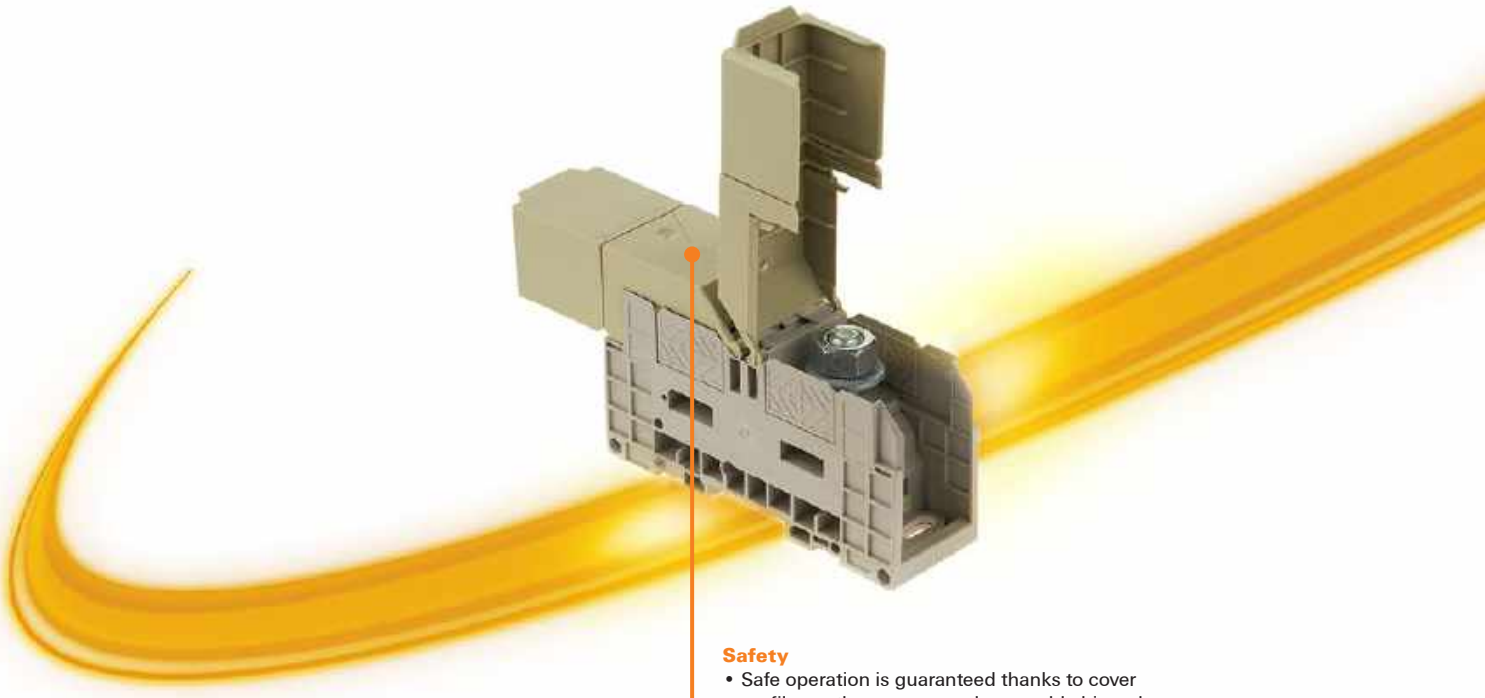
Robust connection for harsh conditions

Klippon® Connect offers maintenance-free contacts using stud technology

Whether it is the supply of high power levels to engines, quick and safe coupling of carriages, energy distribution in the carriages and parts thereof, traffic engineering in general, and high-speed trains especially, all pose real challenges for connectivity. For reliable power transfer in these challenging conditions, we offer series WF, WFF and ST 400 stud terminals. With crimped cable lugs, the conductors are laid on the threaded pins and securely connected together by tightening the hex nut to the required torque. The robust processing guarantees the ultimate in safety.

Our promise

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation.

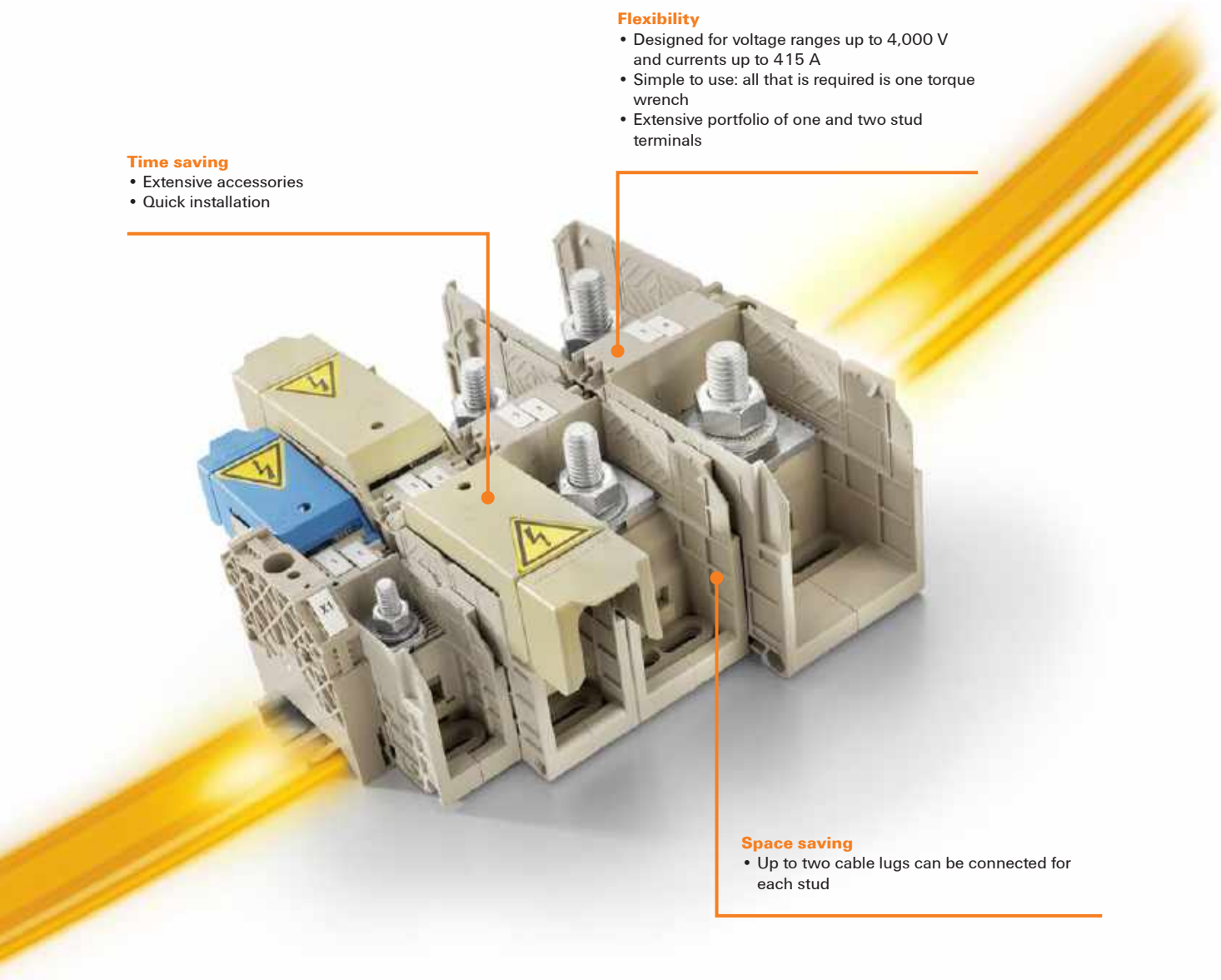


Safety

- Safe operation is guaranteed thanks to cover profiles or the snap-on and screwable hinged hoods
- All materials comply with the fire safety regulations found in DIN EN 45545
- All stud terminals are tested in line with the railway standards and made of self-extinguishing material

Flexibility
- Designed for voltage ranges up to 4,000 V and currents up to 415 A
- Simple to use: all that is required is one torque wrench
- Extensive portfolio of one and two stud terminals

Time saving
- Extensive accessories
- Quick installation



Space saving
- Up to two cable lugs can be connected for each stud

Overview

In all applications where reliable power transfer is key, our stud terminals are the safe solution.

Clever operating concept:
The WF and WFF stud terminal series are available as single and two-stud terminals. The option of a built-in folding hinged hood gives the two-stud terminals in the WFF-Series a particularly high level of safety.

Robust and high performance:
The ST 400 stud terminals, made of glass-fibre reinforced, flame resistant artificial resin for operating voltages of up to 4 kV, are specially designed for use on rail vehicles and tested to meet railway standards. They are perfect for applications with high requirements in terms of vibration and shock resistance.

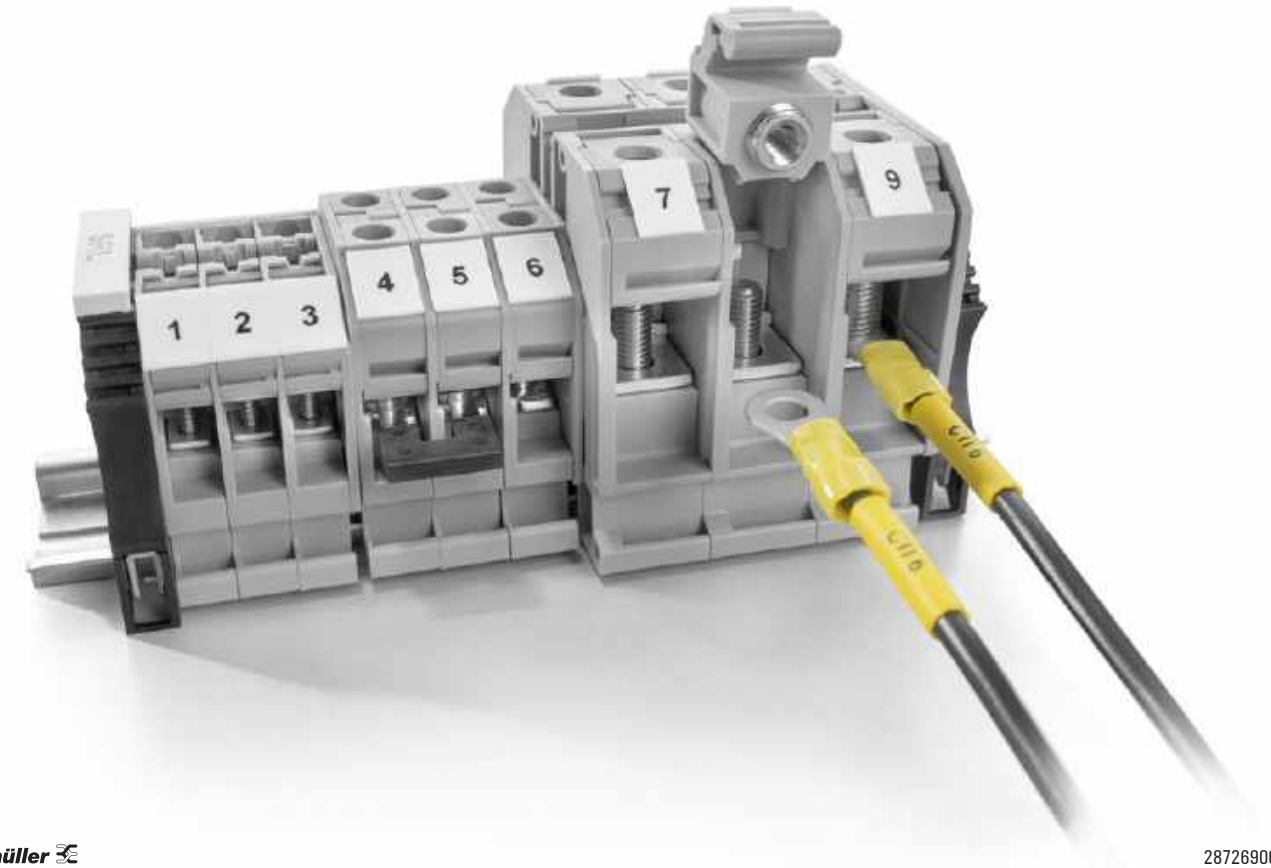
Connect ring lugs quickly and safely

Klippon® Connect SRL Range with stud technology

Our SRL terminals are best suited for applications where connections are subjected to strong vibrations. The wire to be connected is first crimped onto a ring or fork eyelet and then attached to the busbar of the terminal block. The fixing nuts remain captive in the hinged plastic carrier. For connection, the plastic carrier is lifted, the conductor is inserted with the eyelet, and the plastic carrier returned to its initial position. The fixing nut is tightened with a simple screwdriver to create a secure connection between terminal block and eyelet.

Your special advantages:

- All terminal blocks of the SRL family are protected to IP20
- The finger-safe construction makes additional covers unnecessary
- Two cable lugs can also be connected without compromising safety
- SRL 4 STB terminals have hexagon socket screws to accept standard (D) 4.3 mm test adapters
- The variants SRL 3 and SRL 6 are additionally available with internal and external cross-connection options



	SRL 3	6 mm²	SRL 4	6 mm²
Width/Height/Depth mm	9 x 49 x 47.25		11 x 48.5 x 52.2	
max. current / Clamping range, max. A	/ 41 / 6.00		/ 41 / 6.00	
Max. clamping range mm²	1.5...6.00		1.5...6.00	

Technical data

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
	IEC 60947-7-1			
Rated voltage -	1000	600		
Rated current A	41	50		
for wire cross-section mm²	6	AWG 22...8		
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234	1.5...6 mm²			
2 x cable lugs DIN 46 234	1.5...6 mm²			
Cable lug to DIN 46235	1.5...6 mm²			
2 x cable lugs DIN 46 235	1.5...6 mm²			
Tightening torque, max.	0.5 Nm			
Note				

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
	IEC 60947-7-1			
Rated voltage -	1000	600		
Rated current A	41	50		
for wire cross-section mm²	6	AWG 22...8		
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234	1.5...6 mm²			
2 x cable lugs DIN 46 234	1.5...6 mm²			
Cable lug to DIN 46235	1.5...6 mm²			
2 x cable lugs DIN 46 235	1.5...6 mm²			
Tightening torque, max.	0.5 Nm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	SRL 3	100	2614930000
Note			

Version	Type	Qty.	Order No.
dark beige	SRL 4	50	2614940000
Note			

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	SRQB 3/2	41 A	100	2615190000
3-pole	SRQB 3/3	41 A	50	2615200000
4-pole	SRQB 3/4	41 A	50	2615210000
2-pole				
4-pole				
Cross-connection permanent				
2-pole	SQB 3/2	41 A	100	2615110000
3-pole	SQB 3/3	41 A	50	2615120000
4-pole	SQB 3/4	41 A	50	2615130000
Screwable cross-connection				
2-pole	SQV 3/2	41 A	100	2615030000
3-pole	SQV 3/3	41 A	50	2615040000
4-pole	SQV 3/4	41 A	50	2615050000
10-pole	SQV 3/10	41 A	10	2615070000
End plate				
dark beige	SEP SRL 3		50	2614990000
Marking tags				
	WS 10/8 PLUS MC NE WS		420	1905950000

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	SRQB 4/2	41 A	100	2615220000
3-pole	SRQB 4/3	41 A	50	2615230000
4-pole	SRQB 4/4	41 A	50	2615240000
2-pole				
4-pole				
Cross-connection permanent				
2-pole	SQB 4/2	41 A	100	2615140000
3-pole	SQB 4/3	41 A	50	2615150000
4-pole	SQB 4/4	41 A	50	2615160000
Screwable cross-connection				
2-pole				
3-pole				
4-pole				
10-pole				
End plate				
dark beige	SEP SRL 4		50	2615000000
Marking tags				
	WS 12/9.5-11 MC NE WS		300	2484220000

For detailed information on other accessories and application in the online catalogue

	SRL 4 STB	6 mm²	SRL 6	35 mm²
Width/Height/Depth mm	11 x 48.5 x 52.2		18 x 63.9 x	
max. current / Clamping range, max. A	/ 41 / 6.00		/ 125 / 35.00	
Max. clamping range mm²	1.5...6.00		1.5...35.00	

Technical data

Rated data with Wemid partition wall								
	IEC 60947-7-1				IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage -	1000				1000	600		
Rated current A	41				125	115		
for wire cross-section mm²	6				35	AWG 22...2		
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating								
Approvals	CE				cULus			
Clamped cable lugs								
Cable lug to DIN 46234	1.5...6 mm²				1.5...35 mm²			
2 x cable lugs DIN 46 234	1.5...6 mm²				1.5...35 mm²			
Cable lug to DIN 46235	1.5...6 mm²				1.5...35 mm²			
2 x cable lugs DIN 46 235	1.5...6 mm²				1.5...35 mm²			
Tightening torque, max.	0.5 Nm				3 Nm			
Note								

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	SRL 4 STB	50	2614950000	SRL 6	50	2614960000
Note						

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	SRQB 4/2	41 A	100	2615220000				
3-pole	SRQB 4/3	41 A	50	2615230000				
4-pole	SRQB 4/4	41 A	50	2615240000				
2-pole	SQS 4/2	41 A	20	2615250000				
4-pole	SQS 4/4	41 A	10	2615260000				
Cross-connection permanent								
2-pole	SQB 4/2	41 A	100	2615140000				
3-pole	SQB 4/3	41 A	50	2615150000				
4-pole	SQB 4/4	41 A	50	2615160000				
Screwable cross-connection								
2-pole					SQV 6/2	125 A	100	2615080000
3-pole					SQV 6/3	125 A	50	2615090000
4-pole					SQV 6/4	125 A	50	2615100000
10-pole								
End plate								
dark beige	SEP SRL 4		50	2615000000	SEP SRL 6		50	2615010000
Marking tags								
	WS 12/9.5-11 MC NE WS		300	2484220000	WS 10/15 MC NE WS		240	1854090000

For detailed information on other accessories and application in the online catalogue

Stud terminals

Power transmission
The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm².

The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

All stud terminals are tested to international standards **(EN 60947-7-1, EN 50124-1, DIN EN 61373, EN 50343, DIN EN 45545-2, NFF 61-017)** and satisfy the requirements contained therein.

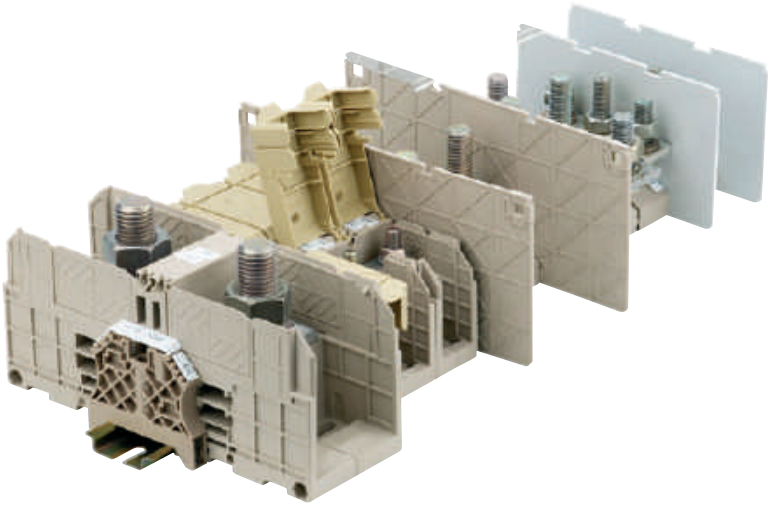
Handling
Cable lugs are crimped onto the cable lugs to connect the connectors. The cable lugs are placed between the washer on the clamp support and the lock washer on the bolt of the WF terminal. With the WFF stud terminals, the cable lugs contact directly to the current bar. Tightening the hexagon nut causes the cable lugs' flaps to press against one another – thereby creating a secure contact.

WF / WFF series
- For voltage ranges up to 1000 V
- For use with special epoxy resin partition plates even up to 2,300 V and 520 A

WF single-stud terminals
- Four connectors can be securely connected without a problem
- Three connectors even without compromising the rated data

WFF two-bolt terminals
- Two connectors can be reliably connected

Accessories
We offer an extensive range of accessories for our stud terminals. A detailed description is available on the accessory overview pages.



product overview

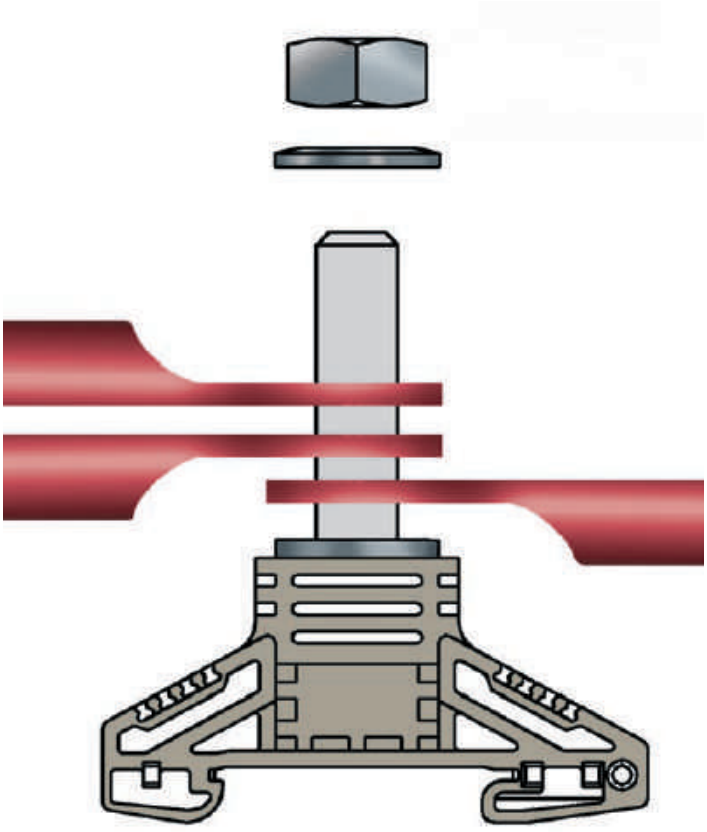
size of thread	M5	M6	M8	M10	M12	M16
single-stud terminals – WF	•	•	•	•	•	
twin-stud terminals – WF 2 BZ		•	•	•		
twin-stud terminals – WFF		•	•	•	•	•
twin-stud terminals – ST 4000 (up to 4000 V)			•	•	•	

Stud connection
- Stud size M5 to M16
- Connector with cable lug according to DIN 46234 up to 240 mm² and DIN 46235 up to 300 mm²

Cross-connections
- Saves a great deal of time through fast potential distribution
- Can be used for all stud terminals
- 2, 3 and 4-pin variations available
- Potential distribution between different sizes possible (from WF6 to WF8 and to WF10)

Simple operation
- The cable lugs are placed on the bolt using the washer
- The lock washer is placed on top
- A secure contact is established between the cable lugs by tightening the steel nuts

Clamp supports made of Wemid
- Non-tracking CTI 600
- Temperature-resistant up to 130°C
- Self-extinguishing V0 according to UL94
- Non-toxic
- No smoke emission in the event of fire
- Complies with the requirements set out in DIN EN 45545-2



Contact security
- Maintenance-free, no tightening of the nut necessary
- Resistant to vibrations and high contact force through lock washer

Safe operation
Touch-safe protection
- In the case of WF, through partition plates and transparent cover profiles
- In the case of WFF, with a lockable cover hood for each connection

	WF 5	WF 5 NFF
	16 mm²	16 mm²
	Screw thread M5	Screw thread M5
Width/Height/Depth mm	13 x 67 x 54.5	13 x 67 x 54.5
max. current / max. cond. cross-section A	**76 / 16**	**76 / 16**
Max. clamping range mm²	**0.1...16**	**0.1...16**

Technical data

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
Rated voltage V	1000	1000	1000	
Rated current A	76	85	85	
for wire cross-section mm²	16	AWG 10...4	AWG 10...4	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		
Approvals	CE EAC			
Clamped cable lugs				
Cable lug to DIN 46234	0.1...16 mm²			
2 x cable lugs DIN 46 234	0.1 to 16 mm²			
Cable lug to DIN 46235	6...10 mm²			
2 x cable lugs DIN 46 235	6...10 mm²			
Tightening torque min./max.	2...4 Nm			
Note	1000V UL and CSA for usage groups B and C can be used with isolating terminal rails and when using WTW WF6 1781220000 partitions.			

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
Rated voltage V	1000			
Rated current A	76			
for wire cross-section mm²	16			
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0		
Approvals	CE EAC			
Clamped cable lugs				
Cable lug to DIN 46234	0.1...16 mm²			
2 x cable lugs DIN 46 234	0.1 to 16 mm²			
Cable lug to DIN 46235	6...10 mm²			
2 x cable lugs DIN 46 235	6...10 mm²			
Tightening torque min./max.	3.7...4.5 Nm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	WF 5	25	**1790130000**
Note	1000 V DC rated voltage passed with the WTW WF6 1781220000 partition plate.		

Version	Type	Qty.	Order No.
dark beige	WF 5 NFF	25	**1968990000**
Note			

Accessories

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF5	76 A	5	**1812710000**
3-pole	WQL 3 WF5	76 A	5	**1812740000**
4-pole				
Auxiliary/control connection				
up to 4 mm², 32 A				
Spacer				
dark beige	WTW WF6		20	**1781220000**
Beige epoxy resin	WTW WF6 2300		20	**1781230000**
dark beige	WTW WF6-WF12		20	**1781240000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Busbar				
Marking tags				
	WS 12/5 MC NE WS		720	**1609860000**

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF5	76 A	5	**1812710000**
3-pole	WQL 3 WF5	76 A	5	**1812740000**
4-pole				
Auxiliary/control connection				
up to 4 mm², 32 A				
Spacer				
dark beige	WTW WF6		20	**1781220000**
Beige epoxy resin	WTW WF6 2300		20	**1781230000**
dark beige	WTW WF6-WF12		20	**1781240000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Busbar				
Marking tags				
	WS 15/5 MC NE WS		480	**1609880000**
	DEK 5/6 MC NE WS		1000	**1609820000**

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6 — 35 mm²

Screw thread M6

17.8 x 67 x 54.5
125 / 35
2.5...35

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
125	115	150	
35	AWG 14...2	AWG 14...2	
	8 kV / 3		
	/ V-0		

2.5...35 mm²
2.5 to 35 mm²
6...25 mm²
6...25 mm²
3...6 Nm

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 6	25	1780850000

1000 VDC rated voltage tested.

Type		Qty.	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
WZAF 35	32 A	10	1070500000
WTW WF6		20	1781220000
WTW WF6 2300		20	1781230000
WTW WF6-WF12		20	1781240000
WEW 35/2		50	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6 NFF — 35 mm²

Screw thread M6

17.8 x 67 x 54.5
125 / 35
2.5...35

IEC	UL	CSA	EN 60079-7
1000			
125			
35			
	8 kV / 3		
	/ V-0		

2.5...35 mm²
2.5 to 35 mm²
6...35 mm²
6...25 mm²
5.8...7 Nm

Type	Qty.	Order No.
WF 6 NFF	25	1969000000

Type		Qty.	Order No.
WQL 2 WF6	125 A	5	1780970000
WQL 3 WF6	125 A	5	1780980000
WZAF 35	32 A	10	1070500000
WTW WF6		20	1781220000
WTW WF6 2300		20	1781230000
WTW WF6-WF12		20	1781240000
WEW 35/2		50	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 8 — 50 mm²

Screw thread M8

22.8 x 67 x 63.5
150 / 50
2.5...50

IEC	UL	CSA	EN 60079-7
1000		1000	
150		200	
50	AWG 14...0	AWG 14...0	
	8 kV / 3		
	/ V-0		

2.5...50 mm²
2.5 to 50 mm²
6...35 mm²
6...35 mm²
6...12 Nm

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 8	25	1780860000

Type		Qty.	Order No.
WQL 2 WF8	150 A	5	1780990000
WQL 3 WF8	150 A	5	1781000000
WZAF 70	32 A	10	1066200000
WTW WF8		20	1780900000
WTW WF8 2300		20	1780910000
WEW 35/2		50	1061200000
ADP WF6/WF8		1	1780930000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

	WF 8 NFF	WF 10
	50 mm²	120 mm²
	Screw thread M8	Screw thread M10
Width/Height/Depth mm	22.8 x 67 x 63.5	33.8 x 67 x 72.5
max. current / max. cond. cross-section A	**150 / 50**	**269 / 120**
Max. clamping range mm²	**2.5...50**	**6...120**

Technical data

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
Rated voltage V	1000			
Rated current A	150			
for wire cross-section mm²	50			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0	
Approvals	CE EAC			
Clamped cable lugs				
Cable lug to DIN 46234	2.5...50 mm²			
2 x cable lugs DIN 46 234	2.5 to 50 mm²			
Cable lug to DIN 46235	6...35 mm²			
2 x cable lugs DIN 46 235	6...35 mm²			
Tightening torque min./max.	15...18 Nm			
Note				

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
Rated voltage V	1000		1000	
Rated current A	269		320	
for wire cross-section mm²	120	AWG 10...250	AWG 10...250	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0	
Approvals	CE CSA EAC KCDR			
Clamped cable lugs				
Cable lug to DIN 46234	6...120 mm²			
2 x cable lugs DIN 46 234	6 to 120 mm²			
Cable lug to DIN 46235	10...95 mm²			
2 x cable lugs DIN 46 235	10...95 mm²			
Tightening torque min./max.	10...20 Nm			
Note	1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.			

Ordering data

Version	Type	Qty.	Order No.
dark beige	WF 8 NFF	25	**1968960000**
Note			

Version	Type	Qty.	Order No.
dark beige	WF 10	20	**1780870000**
Note			

Accessories

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF8	150 A	5	**1780990000**
3-pole	WQL 3 WF8	150 A	5	**1781000000**
4-pole				
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 70	32 A	10	**1066200000**
Spacer				
dark beige	WTW WF8		20	**1780900000**
Beige epoxy resin	WTW WF8 2300		20	**1780910000**
dark beige				
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Busbar				
Marking tags				
	WS 15/5 MC NE WS		480	**1609880000**
	DEK 5/6 MC NE WS		1000	**1609820000**

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF10	269 A	5	**1781010000**
3-pole	WQL 3 WF10	269 A	5	**1781020000**
4-pole	WQL 4 WF10	265 A	5	**1027840000**
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 120	32 A	10	**1066300000**
Spacer				
dark beige	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF10/WF12 2300		20	**1780920000**
dark beige				
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Busbar				
Marking tags				
	WS 10/6 MC NE WS		600	**1828450000**

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 10 NFF — 120 mm²

Screw thread M10

33.8 x 67 x 72.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
	8 kV / 3		
	/ V-0		
CE EAC			
6...120 mm²			
6 to 120 mm²			
10...95 mm²			
10...95 mm²			
30...36 Nm			

Type	Qty.	Order No.
WF 10 NFF	20	1968950000

Type		Qty.	Order No.
WQL 2 WF10	269 A	5	1781010000
WQL 3 WF10	269 A	5	1781020000
WQL 4 WF10	265 A	5	1027840000
WZAF 120	32 A	10	1066300000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
SMSE WF10/2XM6		10	1868880000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12 — 120 mm²

Screw thread M12

33.8 x 67 x 70.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...250	AWG 10...250	
	8 kV / 3		
	/ V-0		
CE EAC			
6...120 mm²			
6 to 120 mm²			
10...95 mm²			
10...95 mm²			
14...31 Nm			

1000 V UL and CSA for use groups B and C: can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 12	20	1780880000

Type		Qty.	Order No.
WQL 2 WF12	269 A	5	1781030000
WQL 3 WF12	269 A	5	1781040000
WZAF 185	32 A	10	1066400000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
WS 10/6 MC NE WS		600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12 NFF — 120 mm²

Screw thread M12

33.8 x 67 x 70.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
	8 kV / 3		
	/ V-0		
CE EAC			
6...120 mm²			
6 to 120 mm²			
10...95 mm²			
10...95 mm²			
50...60 Nm			

Type	Qty.	Order No.
WF 12 NFF	20	1968940000

Type		Qty.	Order No.
WQL 2 WF12	269 A	5	1781030000
WQL 3 WF12	269 A	5	1781040000
WZAF 185	32 A	10	1066400000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000
SMSE WF10/2XM6		10	1868880000
WS 15/5 MC NE WS		480	1609880000
DEK 5/6 MC NE WS		1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

	WF 6/2BZ	WF 8/2BZ
	35 mm²	50 mm²
	Screw thread M6	Screw thread M8
Width/Height/Depth mm	17.8 x 67 x 54.5	22.8 x 67 x 63.5
max. current / max. cond. cross-section A	**125 / 35**	**150 / 50**
Max. clamping range mm²	**2.5...35**	**2.5...50**

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	1000	
Rated current	A	125	115	115	
for wire cross-section	mm²	35			
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0		
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		2.5...35 mm²			
2 x cable lugs DIN 46 234		2.5 to 35 mm²			
Cable lug to DIN 46235		6...25 mm²			
2 x cable lugs DIN 46 235		6...25 mm²			
Tightening torque min./max.		3...6 Nm			
Note		1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

Rated data with Wemid partition wall		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	1000	
Rated current	A	150	150	150	
for wire cross-section	mm²	50			
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0		
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		2.5...50 mm²			
2 x cable lugs DIN 46 234		2.5 to 50 mm²			
Cable lug to DIN 46235		6...35 mm²			
2 x cable lugs DIN 46 235		6...35 mm²			
Tightening torque min./max.		6...12 Nm			
Note		1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

Ordering data

Version	Type	Qty.	Order No.
dark beige	WF 6/2BZ	25	**1789770000**
Note	1000 VDC rated voltage tested.		

Version	Type	Qty.	Order No.
dark beige	WF 8/2BZ	25	**1789780000**
Note	1000 VDC rated voltage tested.		

Accessories

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF6	125 A	5	**1780980000**
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 35	32 A	10	**1070500000**
Spacer				
dark beige	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF6 2300		20	**1781230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Marking tags				
	WS 12/5 MC NE WS		720	**1609860000**

Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WF8	150 A	5	**1780990000**
3-pole	WQL 3 WF8	150 A	5	**1781000000**
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 70	32 A	10	**1066200000**
Spacer				
dark beige	WTW WF10/WF12		20	**1780890000**
Beige epoxy resin	WTW WF8 2300		20	**1780910000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hood transparent				
Hood transparent 1000 mm	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**
Marking tags				
	WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

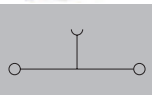
With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

WF 10/2BZ — 120 mm²

Screw thread M10

33.8 x 87.6 x 72.5
269 / 120
6...120



IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	230	230	
120			
	8 kV / 3		
	/ V-0		
6...120 mm²			
6 to 120 mm²			
10...95 mm²			
10...95 mm²			
10...20 Nm			

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

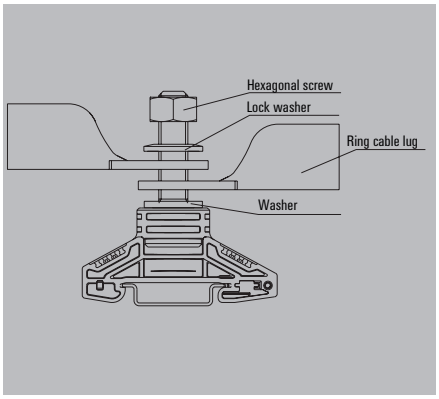
Type	Qty.	Order No.
WF 10/2BZ	10	1789790000

1000 VDC rated voltage tested.

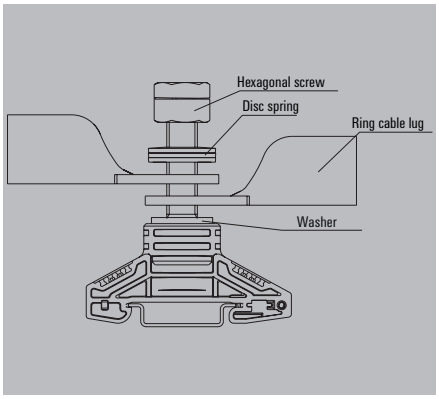
Type		Qty.	Order No.
WQL 2 WF10	269 A	5	1781010000
WQL 3 WF10	269 A	5	1781020000
WZAF 120	32 A	10	1066300000
WTW WF10/WF12		20	1780890000
WTW WF10/WF12 2300		20	1780920000
WEW 35/2		50	1061200000
ADP WF10/WF12		1	1780940000
HA ADP WF6/WF10		10	1781050000

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to DIN EN 50124 pt 1

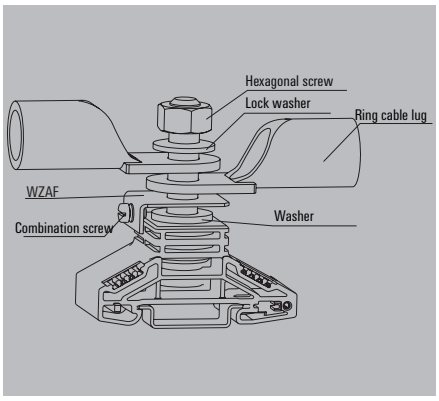
Stud connection series WF



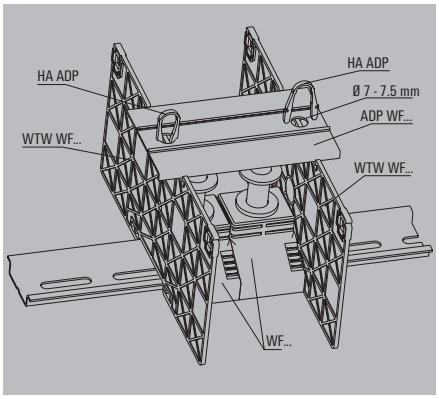
Stud connection series WF NFF



Auxiliary/control line connection WZAF



Application example



Structure to use cover profiles (ADP WF) on the partition plates (WTW WF) with the relevant holders (HA ADP).

Drilled holes for cover profiles 7–7.5 mm

	WFF 35	WFF 35 NFF
	35 mm²	35 mm²
	Screw thread M6	Screw thread M6
Width/Height/Depth mm	27 x 107 x 51	27 x 107 x 51
max. current / max. cond. cross-section A/mm²	150 / 50	125 / 50
Max. clamping range mm²	2.5...50	2.5...50

Technical data

Rated data with Wemid partition wall				
Rated voltage V	1000	1000	600	1100
Rated current A	125	115	130	125
for wire cross-section mm²	35	AWG 14...2	AWG 14...2	35 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0			
Approvals				KEMA 98ATEX1684 U
Clamped cable lugs				
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	2.5...50 mm² / 2.5 to 35 mm²			
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	6...25 mm² / 6...25 mm²			
Tightening torque min./max.	3...6 Nm			
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

Ex eb II C Gb II 2 G D

Rated data with Wemid partition wall				
Rated voltage V	500			
Rated current A	125			
for wire cross-section mm²	35			
Rated impulse withstand voltage / Pollution severity	8 kV /			
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0			
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	2.5...50 mm² / 2.5 to 35 mm²			
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	6...25 mm² / 6...25 mm²			
Tightening torque min./max.	5.8...7 Nm			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	WFF 35	10	1028300000
dark beige	WFF 35/AH	5	1029300000
Blue	WFF 35 BL	10	1028380000
Note	1000 VDC rated voltage tested.		

Version	Type	Qty.	Order No.
dark beige	WFF 35 NFF	5	1049220000

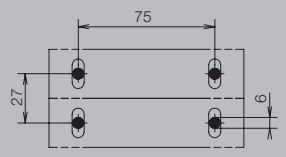
Accessories

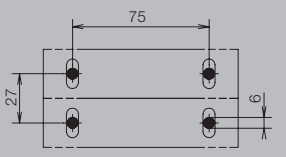
Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WFF35	125 A	5	1064900000
3-pole	WQL 3 WFF35	125 A	5	1065400000
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 35	32 A	10	1070500000
Spacer				
dark beige	WTW WFF35		10	1067100000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Hood				
Hood, dark beige Wemid	WAH 35		20	1064460000
Marking tags				
Warning triangle for power supply terminals	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000
For detailed information on other accessories and application in the online catalogue	WAH 35 in blue, Order no. 1064480000			

Cross-connector	Type		Qty.	Order No.
	WQL 2 WFF35	125 A	5	1064900000
	WQL 3 WFF35	125 A	5	1065400000
	WZAF 35	32 A	10	1070500000
	WTW WFF35		10	1067100000
	WEW 35/1		50	1059000000
	WAH 35		20	1064460000
	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000
	WAH 35 in blue, Order no. 1064480000			

Technical drawing

Drilling template for direct mounting

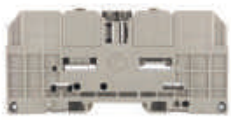




Fixing screw for direct mounting	Order No.
M6 x 16	1063700000

WFF 70 — 70 mm²

Screw thread M8



31.8 x 132 x 61
232 / 95
2.5...95

Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
192	175	170	
70	AWG 14...0	AWG 14...0	
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U
2.5...95 mm² / 2.5...70 mm²			
16...70 mm² / 16...70 mm²			
6...12 Nm			

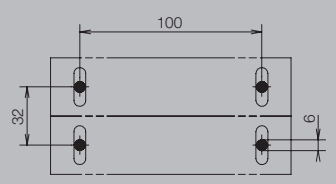
When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000

1000 V DC rated voltage tested. 1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type		Qty.	Order No.
WQL 2 WFF70	192 A	5	1065000000
WQL 3 WFF70	192 A	5	1065500000
WZAF 70	32 A	10	1066200000
WTW WFF70		10	1067200000
WEW 35/1		50	1059000000
WAH 70 BE		20	1064560000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 70 in blue, Order no. 1064580000



WFF 70 NFF — 70 mm²

Screw thread M8

32 x 132 x 61
192 / 95
2.5...95

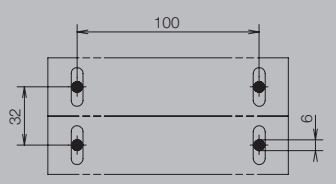
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
192			
70			
	8 kV /		
	/ V-0		
CE			
2.5...95 mm² / 2.5...70 mm²			
16...70 mm² / 16...70 mm²			
15...18 Nm			

Type	Qty.	Order No.
WFF 70 NFF	5	1049230000

Type		Qty.	Order No.
WQL 2 WFF70	192 A	5	1065000000
WQL 3 WFF70	192 A	5	1065500000
WZAF 70	32 A	10	1066200000
WTW WFF70		10	1067200000
WEW 35/1		50	1059000000
WAH 70 BE		20	1064560000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 70 in blue, Order no. 1064580000



WFF 120 — 120 mm²

Screw thread M10

42 x 132 x 72
309 / 150
6...150

Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
269	310	310	
120	AWG 10...250	AWG 10...250	
	8 kV / 3		
	/ V-0		
			KEMA 98ATEX1684 U
6...150 mm² / 6 to 120 mm²			
16...150 mm² / 16...120 mm²			
10...20 Nm			

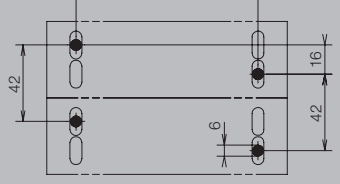
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000

1000 VDC rated voltage tested.

Type		Qty.	Order No.
WQL 2 WFF120	269 A	5	1065100000
WQL 3 WFF120	269 A	5	1065600000
WZAF 120	32 A	10	1066300000
WTW WFF120		10	1067300000
WEW 35/1		50	1059000000
WAH 120		20	1064660000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 120 in blue, order No. 1064680000



	WFF 120 NFF	WFF 185
	120 mm²	185 mm²
	Screw thread M10	Screw thread M12
Width/Height/Depth mm	42 x 132 x 72.5	55 x 163 x 77.5
max. current / max. cond. cross-section A/mm²	269 / 150	415 / 240
Max. clamping range mm²	6...150	10...240

Technical data

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
Rated voltage V	500			
Rated current A	269			
for wire cross-section mm²	120			
Rated impulse withstand voltage / Pollution severity			8 kV /	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0	
Approvals	CE			
Clamped cable lugs				
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	6...150 mm² / 6 to 120 mm²			
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	16...150 mm² / 16...120 mm²			
Tightening torque min./max.	30...36 Nm			
Note				

	IEC 60947-7-1	Ex eb II C Gb	Ex II 2 G D
Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7
Rated voltage V	1000	1000	600	
Rated current A	353	380	360	
for wire cross-section mm²	185	AWG 8...500	AWG 8...500	
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0	
Approvals			KEMA 98ATEX1684 U	
Clamped cable lugs				
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	10...240 mm² / 10...185 mm²			
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	25...240 mm² / 25...185 mm²			
Tightening torque min./max.	14...31 Nm			
Note	1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

Ordering data

Version	Type	Qty.	Order No.
dark beige	WFF 120 NFF	4	1049240000
dark beige			
Blue			
Note			

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000
1000 VDC rated voltage tested.		

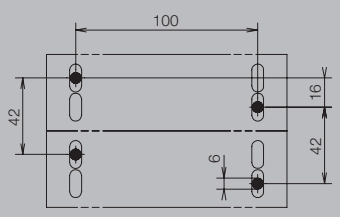
Accessories

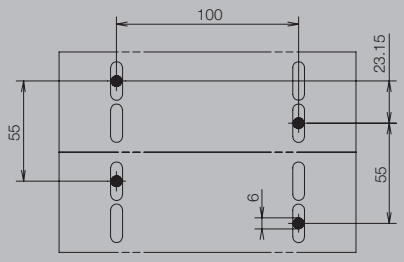
Cross-connector	Type		Qty.	Order No.
2-pole	WQL 2 WFF120	269 A	5	1065100000
3-pole	WQL 3 WFF120	269 A	5	1065600000
Auxiliary/control connection				
up to 4 mm², 32 A	WZAF 120	32 A	10	1066300000
Spacer				
dark beige	WTW WFF120		10	1067300000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Hood				
Hood, dark beige Wemid	WAH 120		20	1064660000
Marking tags				
Warning triangle for power supply terminals	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000
For detailed information on other accessories and application in the online catalogue	WAH 120 in blue, order No. 1064680000			

Cross-connector	Type		Qty.	Order No.
	WQL 2 WFF185	353 A	5	1065200000
	WQL 3 WFF185	353 A	5	1065700000
	WZAF 185	32 A	10	1066400000
	WTW WFF185/300		10	1067400000
	WEW 35/1		50	1059000000
	WAH 185/300 BE		10	1064760000
	WD 1 25 K KARTE A 6 ST		5	1563900000
	WS 12/6.5 MC NE WS		540	1609920000
	WAH 185/300 in blue, Order no. 1064780000			

Technical drawing

Drilling template for direct mounting





Fixing screw for direct mounting	Order No.
M6 x 16	1063700000

WFF 185 NFF — 185 mm²

Screw thread M12

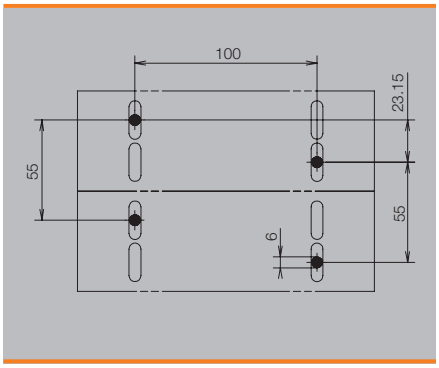
55 x 163 x 77.2
353 / 240
10...240

IEC	UL	CSA	EN 60079-7
500			
353			
185			
	8 kV /		
	/ V-0		
CE EAC			
10...240 mm² / 10...185 mm²			
25...240 mm² / 25...185 mm²			
50...60 Nm			

Type	Qty.	Order No.
WFF 185 NFF	2	1049250000

Type		Qty.	Order No.
WQL 2 WFF185	353 A	5	1065200000
WQL 3 WFF185	353 A	5	1065700000
WZAF 185	32 A	10	1066400000
WTW WFF185/300		10	1067400000
WEW 35/1		50	1059000000
WAH 185/300 BE		10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

WAH 185/300 in blue, Order no. 1064780000



WFF 300 — 300 mm²

Screw thread M16

55 x 163 x 85.5
520 / 300
25...300

Ex eb II C Gb Ex II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
520	500	510	
300	AWG 6...600	AWG 6...600	
	8 kV / 3		
	/ V-0		
CE EAC KCC			KEMA 98ATEX1684 U
25...240 mm² / 25 to 240 mm²			
50...300 mm² / 50...300 mm²			
25...60 Nm			

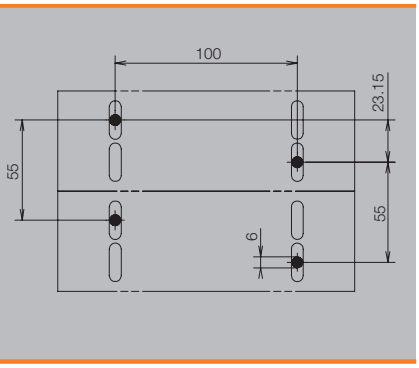
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000

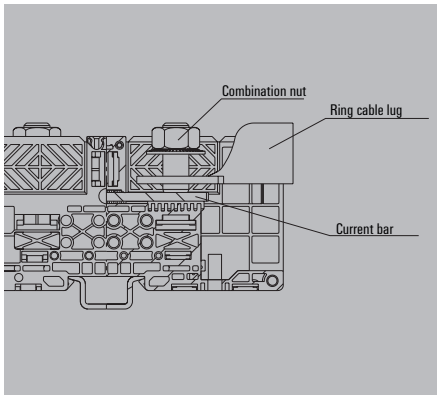
1000 VDC rated voltage tested.

Type		Qty.	Order No.
WQL 2 WFF300	520 A	5	1065300000
WQL 3 WFF300	520 A	5	1065800000
WZAF 300	32 A	10	1066500000
WTW WFF185/300		10	1067400000
WEW 35/1		50	1059000000
WAH 185/300 BE		10	1064760000
WD 1 25 K KARTE A 6 ST		5	1563900000
WS 12/6.5 MC NE WS		540	1609920000

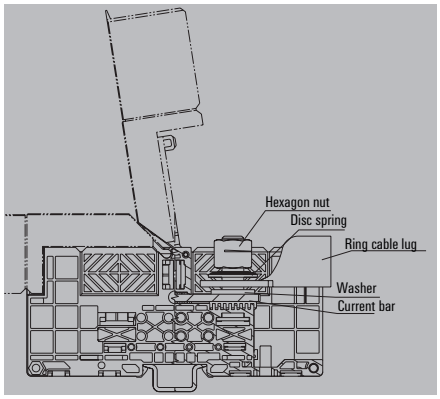
WAH 185/300 in blue, Order no. 1064780000



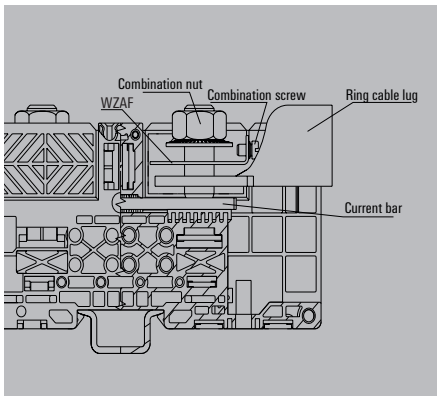
Stud connection series WFF



Stud connection series WFF NFF

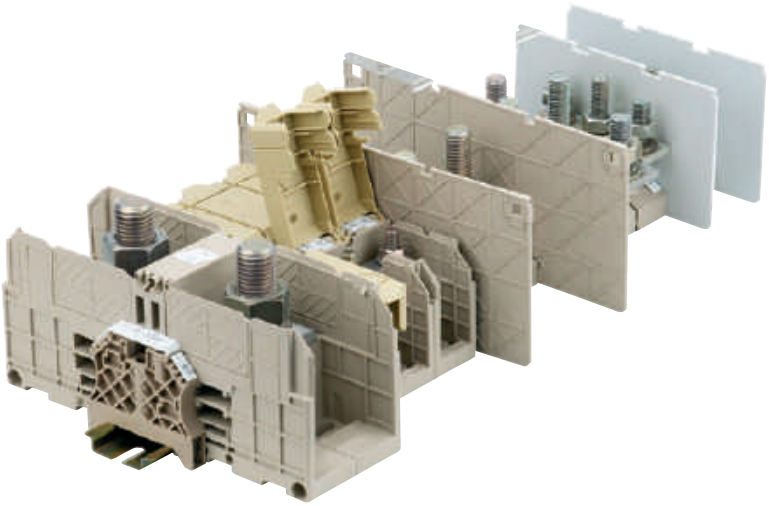


Auxiliary/control line connection WZAF



Stud terminals – Accessories

Series WF and WFF



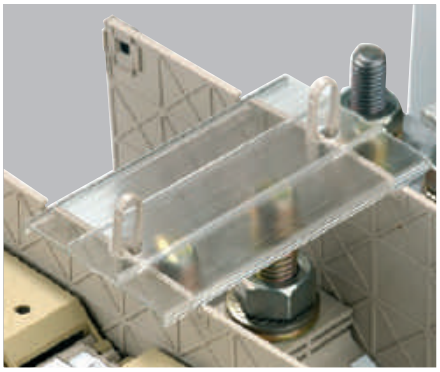
Electrical distribution

Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection

The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

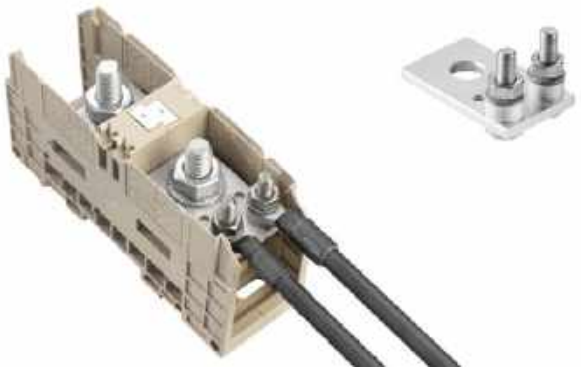
- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

Connection

Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

Potential distribution from stud terminal blocks M10 to 2 x M6

The potential distribution between adjacent stud terminal blocks can be implemented simply using 2- and 3-pole cross-connections, please consult products in the stud terminal chapter.
Reduced cross-sections are required for special applications. These so-called cross-connection lugs are offered accordingly for varying thread sizes from M6 to M10 with a wide range of combinations.



Ordering data

Type	Qty.	Order No.
SMSE WF10/2XM6	10	1868880000

Note	
	Hole diameter: 10 mm for M10 studs Stud terminals: WF 10... and WFF 120. The rated current is dependent on the test set-up.

WQL special cross-connection lugs for WF

WQL 2 WF 6–10

WQL 3 WF 6–10/2

WQL 2 WF 6/8

Ordering data

Type	Depth	current	Clamping screw	Terminal screw, additional connection	Qty.	Order No.
WQL 2 WF6-10	4 mm	125 A	M 6	M 10	5	1806620000
WQL 3 WF6-10/2	4 mm	125 A	M 6	M 10	5	1806640000
WQL 2 WF6-8	4 mm	125 A	M 6	M 8	5	1808980000
WQL 4 WF8-6/3	4 mm	24 A	M 8	M 6	5	1904960000
Note						

WF - cross-connections for WF and WFF

Type	Poles	current	Qty.	Order No.
WF 5				
WQL 2 WF5	2	101 A	5	**1812710000**
WQL 3 WF5	3	101 A	5	**1812740000**
WF 6 & WF 6/2BZ				
WQL 2 WF6	2	125 A	5	**1780970000**
WF 8 & WF 8/2BZ				
WQL 2 WF8	2	150 A	5	**1780990000**
WQL 3 WF8	3	150 A	5	**1781000000**
WF 10 & WF 10/2BZ				
WQL 2 WF10	2	265 A	5	**1781010000**
WQL 3 WF10	3	265 A	5	**1781020000**
WF 12				
WQL 2 WF12	2	265 A	5	**1781030000**
WQL 3 WF12	3	265 A	5	**1781040000**
WFF 35				
WQL 3 WFF35	3	150 A	5	**1065400000**
WFF 70				
WQL 3 WFF70	3	232 A	5	**1065500000**
WFF 120				
WQL 3 WFF120	3	309 A	5	**1065600000**
WFF 185				
WQL 3 WFF185	3	415 A	5	**1065700000**
WFF 300				
WQL 3 WFF300	3	520 A	5	**1065800000**
WF 6 & WF 6/2BZ				
WQL 3 WF6	3	125 A	5	**1780980000**
WF 10 & WF 10/2BZ				
WQL 4 WF10	4	265 A	5	**1027840000**
WFF 35				
WQL 2 WFF35	2	150 A	5	**1064900000**
WFF 70				
WQL 2 WFF70	2	232 A	5	**1065000000**
WFF 120				
WQL 2 WFF120	2	309 A	5	**1065100000**
WFF 185				
WQL 2 WFF185	2	415 A	5	**1065200000**
WFF 300				
WQL 2 WFF300	2	520 A	5	**1065300000**

WF-Series partition plates

Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	dark beige	2.5 mm	20	**1781240000**
WTW WF6	dark beige	3 mm	20	**1781220000**
WTW WF8	dark beige	3 mm	20	**1780900000**
WTW WF10/WF12	dark beige	3 mm	20	**1780890000**

WFF-Series partition plates

Type	Colour	Width	Qty.	Order No.
WTW WFF35	grey	2 mm	10	**1067100000**
WTW WFF70	grey	2 mm	10	**1067200000**
WTW WFF120	grey	2 mm	10	**1067300000**
WTW WFF185/300	grey	2 mm	10	**1067400000**

WFF series cover hoods

Type	Colour	Width	Qty.	Order No.
WAH 35	beige	26 mm	20	1064460000
WAH 70 BE	beige	31 mm	20	1064560000
WAH 120	beige	41 mm	20	1064660000
WAH 185/300 BE	beige	54 mm	10	1064760000

WF-Series 2300 V partition plates

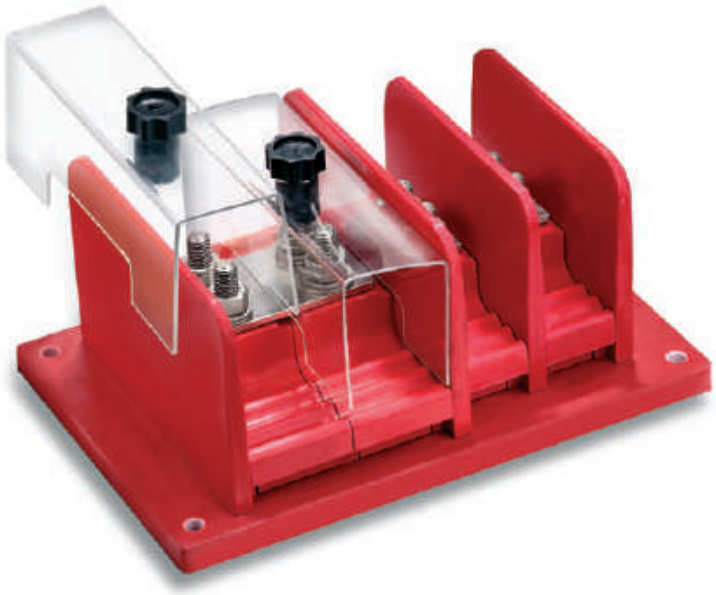
Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	grey	2 mm	20	1781230000
WTW WF8 2300	grey	2 mm	20	1780910000
WTW WF10/WF12 2300	grey	2 mm	20	1780920000

Warning triangle for power supply terminal blocks

Type	Colour	Width	Qty.	Order No.
SYMBOL-P. 25X25X25 B/DR	yellow	25 mm	120	1741090000
SYMBOL-P. 50X50X50 B/DR	yellow	50 mm	1	1741100000
MARKO-C. 25X25X25 B/DR.	yellow	25 mm	10	1700530001
MARKO-C. 50X50X50 B/DR.	yellow	50 mm	10	1700540001

Stud terminals

Series ST 4000



For especially high electric and mechanical demands

- Voltage ranges up to 4000 V and currents up to 415 A
- For extreme requirements, especially in railway applications

Shock protection

Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

Potential distribution

When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

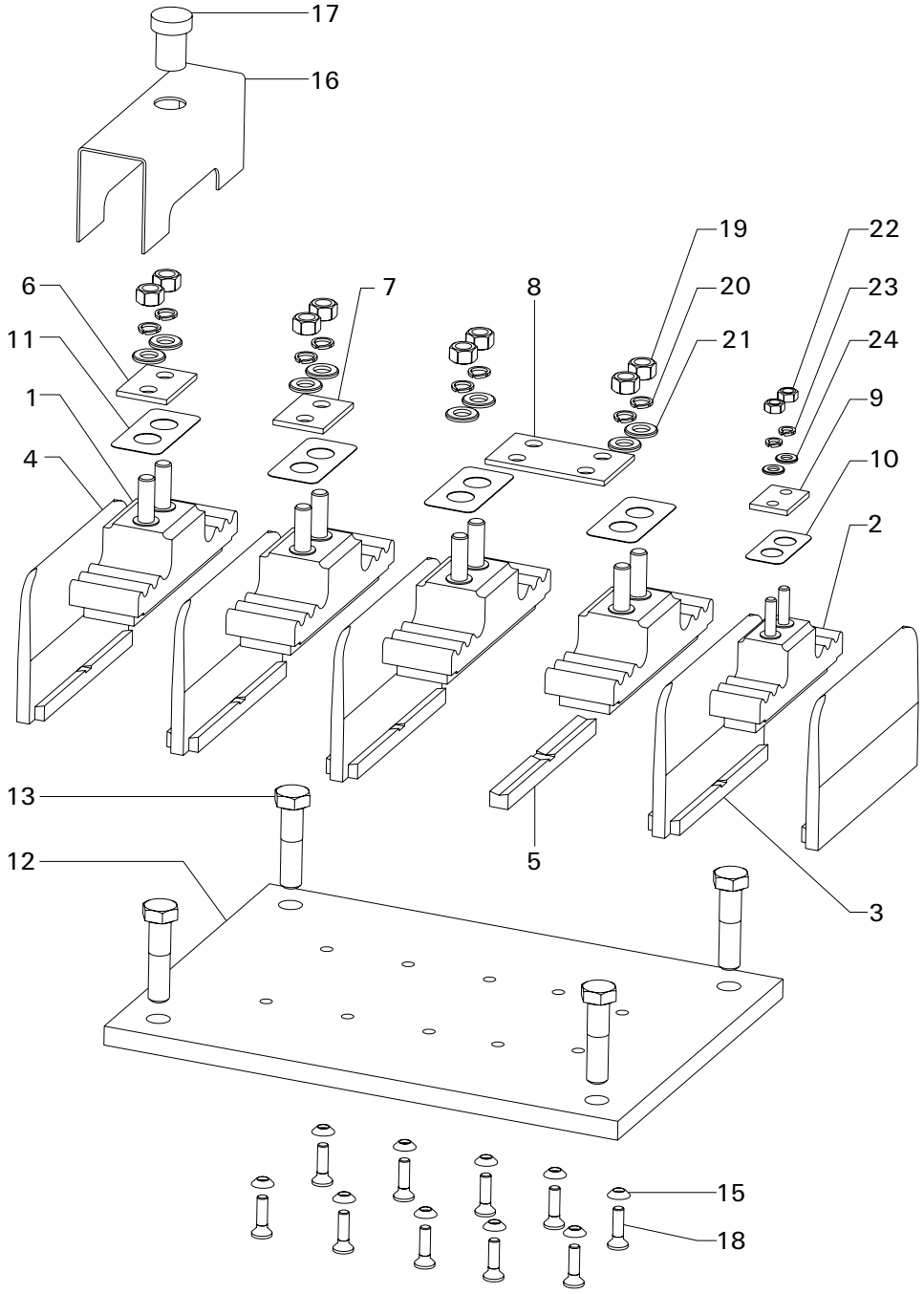
Cross-connections are available as 2-, 3-, or 4-poles.

Connection

Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.



Modular System

1	Stud terminal ST 4000/L (large)	10/11	Marking plate
2	Stud terminal ST 4000/S (small)	12	Isulating mounting base (customerspecific)
3	Partition	13	Studs and washers for the isulating mounting base (not part of the delivery)
4	Endplate		
5	Coupling block	15/18	Studs and washers to fix the terminals on the isulating mounting base
6/7/9	Current bar		
8	Cross connection	19-24	Studs and washers (Fa. Teckentrup)

	ST 4000/S M8	ST 4000/S M10
	95 mm²	185 mm²
	Screw thread M8	Screw thread M10
Width/Height/Depth mm	40 x 150 x 56	40 x 150 x 56
max. current / max. cond. cross-section A	**315 / 95**	**500 / 185**
Max. clamping range mm²	**6...95**	**16...185**
	EN 45545-2:2020, NFPA 130 ASTME 162/ 662, BSS 7239/ 7242	EN 45545-2:2020, NFPA 130 ASTME 162/ 662, BSS 7239/ 7242

Technical data

Rated data with Wemid partition wall	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	4000				4000			
Rated current A	315				500			
for wire cross-section mm²	95				185			
Rated impulse withstand voltage / Pollution severity			25 kV / 3				25 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0				/ V-0	
Approvals								
Clamped cable lugs								
Cable lug to DIN 46234								
2 x cable lugs DIN 46 234								
Cable lug to DIN 46235								
2 x cable lugs DIN 46 235								
Tightening torque min./max.	6...95 mm²				16...185 mm²			
	...18 Nm				...35 Nm			
Note	Rated voltage when using cable lugs according to DIN 46235				Rated voltage when using cable lugs according to DIN 46235			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
with inner thread	ST 4000/S M8 F	1	**2743180000**	ST 4000/S M10 F	1	**2743190000**
red	ST 4000/S M8	1	**2563830000**	ST 4000/S M10	1	**2563860000**
Note	1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.			1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.		

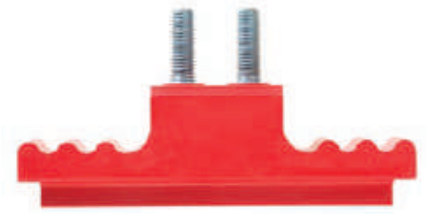
Accessories

Cross-connector	Type	Qty.	Order No.	Type	Qty.	Order No.
2-pole	ST 4000/S J2 M8	1	**2564010000**			
3-pole	ST 4000/S J3 M8	1	**2564020000**			
4-pole						
Busbar						
M12 / 6 mm thick						
M8 / 4 mm thick	ST 4000/S CB M8/4	1	**2563950000**			
M10 / 4 mm thick				ST 4000/S CB M10/4	1	**2563960000**
M10 / 6 mm thick				ST 4000/S CB M10/6	1	**2563970000**
Connecting piece						
160 mm length						
130 mm length	ST 4000/S C130	1	**2563930000**	ST 4000/S C130	1	**2563930000**
Spacer						
180 mm length						
150 mm length	ST 4000/S P150	1	**2563890000**	ST 4000/S P150	1	**2563890000**
End partition						
180 mm length						
150 mm length	ST 4000/S E150	1	**2563910000**	ST 4000/S E150	1	**2563910000**
Touch-safe protection						
180 mm length						
150 mm length	ST 4000/S S150	1	**2564170000**	ST 4000/S S150	1	**2564170000**

For detailed information on other accessories and application in the online catalogue

ST 4000/L M12 — 240 mm²

Screw thread M12



55 x 180 x 56
560 / 240
16...240

EN 45545-2:2020, NFPA 130 ASTME 162/ 662, BSS 7239/ 7242

IEC	UL	CSA	EN 60079-7
4000			
560			
240			
	25 kV / 3		
	/ V-0		
16...240 mm²			
...35 Nm			

Rated voltage when using cable lugs according to DIN 46235

Type	Qty.	Order No.
ST 4000/L M12 F	1	2743200000
ST 4000/L M12	1	2563880000

1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.

Type	Qty.	Order No.
ST 4000/L J2 M12	1	2564100000
ST 4000/L J3 M12	1	2564110000
ST 4000/L J4 M12	1	2564120000
ST 4000/L CB M12/6	1	2564000000
ST 4000/L C160	1	2563940000
ST 4000/L P180	1	2563900000
ST 4000/L E180	1	2563920000
ST 4000/L S180	1	2564180000

	HV2700/2-M12 F	185 mm²	HV2700/3-M12 F	185 mm²
	Screw thread M12		Screw thread M12	
Width/Height/Depth mm	180 x 220 x 90		240 x 220 x 90	
max. current / max. cond. cross-section A	**600 / 185**		**600 / 185**	
Max. clamping range mm²	**10...185**		**10...185**	

Technical data

	HV2700/2-M12 F	HV2700/3-M12 F
Rated data with Wemid partition wall		
Rated voltage V	EN 45545-2:2020, NFPA 130 ASTME 162/ 662, BSS 7239/ 7242	EN 45545-2:2020, NFPA 130 ASTME 162/ 662, BSS 7239/ 7242
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped cable lugs		
Cable lug to DIN 46234	10...185 mm²	10...185 mm²
2 x cable lugs DIN 46 234		
Cable lug to DIN 46235		
2 x cable lugs DIN 46 235		
Tightening torque min./max.	33...35 Nm	33...35 Nm
Note	In projects up to 1000 A rated current possible.	In projects up to 1000 A rated current possible.

IEC	UL	CSA	EN 60079-7	HV2700/2-M12 F	HV2700/3-M12 F
2700					
600					
185					
		25 kV / 3			
		/ V-0			

Ordering data

Version	HV2700/2-M12 F	HV2700/3-M12 F
with inner thread		
Note		

Type	Qty.	Order No.
HV2700/2-M12 F	1	**2540680000**

Type	Qty.	Order No.
HV2700/3-M12 F	1	**2540690000**

For detailed information on other accessories and application in the online catalogue

HV4000/2-M12 F — 240 mm²

Screw thread M12

180 x 220 x 96.1
600 / 240
10...240

EN 45545-2:2020, NFPA 130 ASTME 162/ 662, BSS 7239/ 7242

IEC	UL	CSA	EN 60079-7
4000			
600			
240			
	30 kV / 3		
	/ V-0		
10...240 mm²			
63...65 Nm			

In projects up to 1000 A rated current possible.

Type	Qty.	Order No.
HV4000/2-M12 F	1	2496040000

HV4000/3-M12 F — 240 mm²

Screw thread M12

240 x 220 x 96.1
600 / 240
10...240

EN 45545-2:2020, NFPA 130 ASTME 162/ 662, BSS 7239/ 7242

IEC	UL	CSA	EN 60079-7
4000			
600			
240			
	30 kV / 3		
	/ V-0		
10...240 mm²			
63...65 Nm			

In projects up to 1000 A rated current possible.

Type	Qty.	Order No.
HV4000/3-M12 F	1	2496050000

Application range

Application range

Application fields in the panel B.2

Power feed-in B.4

PUSH IN connection B.6

Screw connection B.26

Power distribution B.50

Hybrid connection B.52

Screw connection B.54

PUSH IN connection B.94

Tension clamp connection B.95

Control voltage distribution B.98

PUSH IN connection B.100

Instrument transformer wiring B.126

TTB Range B.128

Tension clamp connection B.156

Screw connection B.158

Threaded stud connection B.180

Signal wiring B.182

PUSH IN connection B.184

Tension clamp connection B.188

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Signal marshalling B.196

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Shielding and earthing B.230

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Building installation wiring B.270

PUSH IN connection B.272

Screw connection B.298

Panel building requires innovative ideas

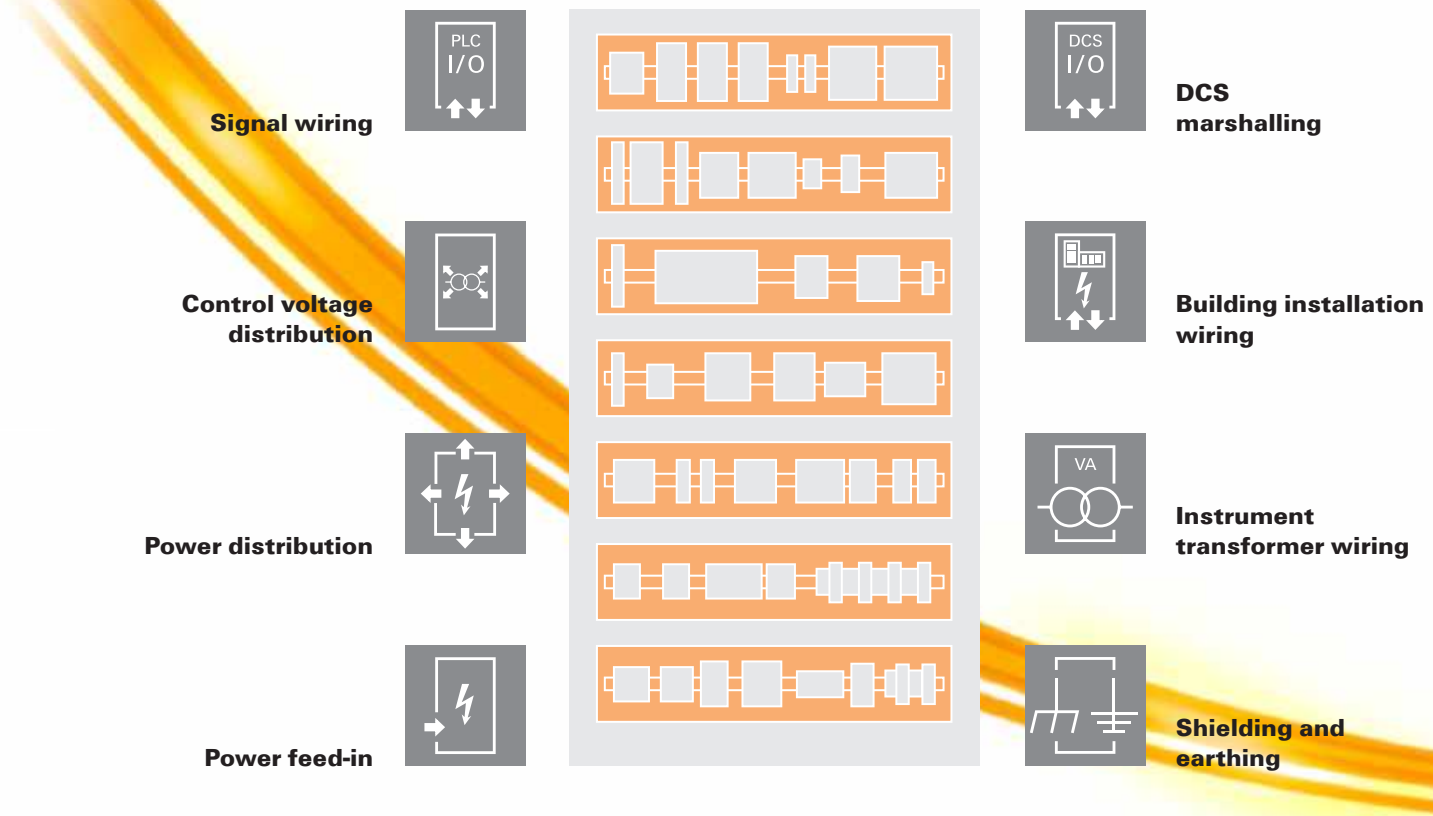
Klippon® Connect delivers pioneering connectivity solutions

While panels are indeed configured individually, various recurring application fields within the panel are a permanent fixture in almost all industries.

We have identified and developed special solutions for these application fields. By purposefully structuring and adapting the product functions to the respective requirements, our needs-based application products decisively help to boost your productivity, efficiency and safety at all stages of the panel building process.

Our promise

Our tailored application range guarantees substantial efficiency benefits at every individual stage of the process and leads to unbeatable productivity gains in your panel building operations.



Power feed-in
Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

Power distribution
You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

Control voltage distribution
Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.

Instrument transformer wiring
Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

Signal wiring
Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.

Signal marshalling
Our innovative PRV terminal blocks for Signal marshalling featuring a PUSH IN connection and our multifunctional Signal marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

Shielding and earthing
Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields.
A comprehensive range of accessories rounds off our range.

Building installation wiring
For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

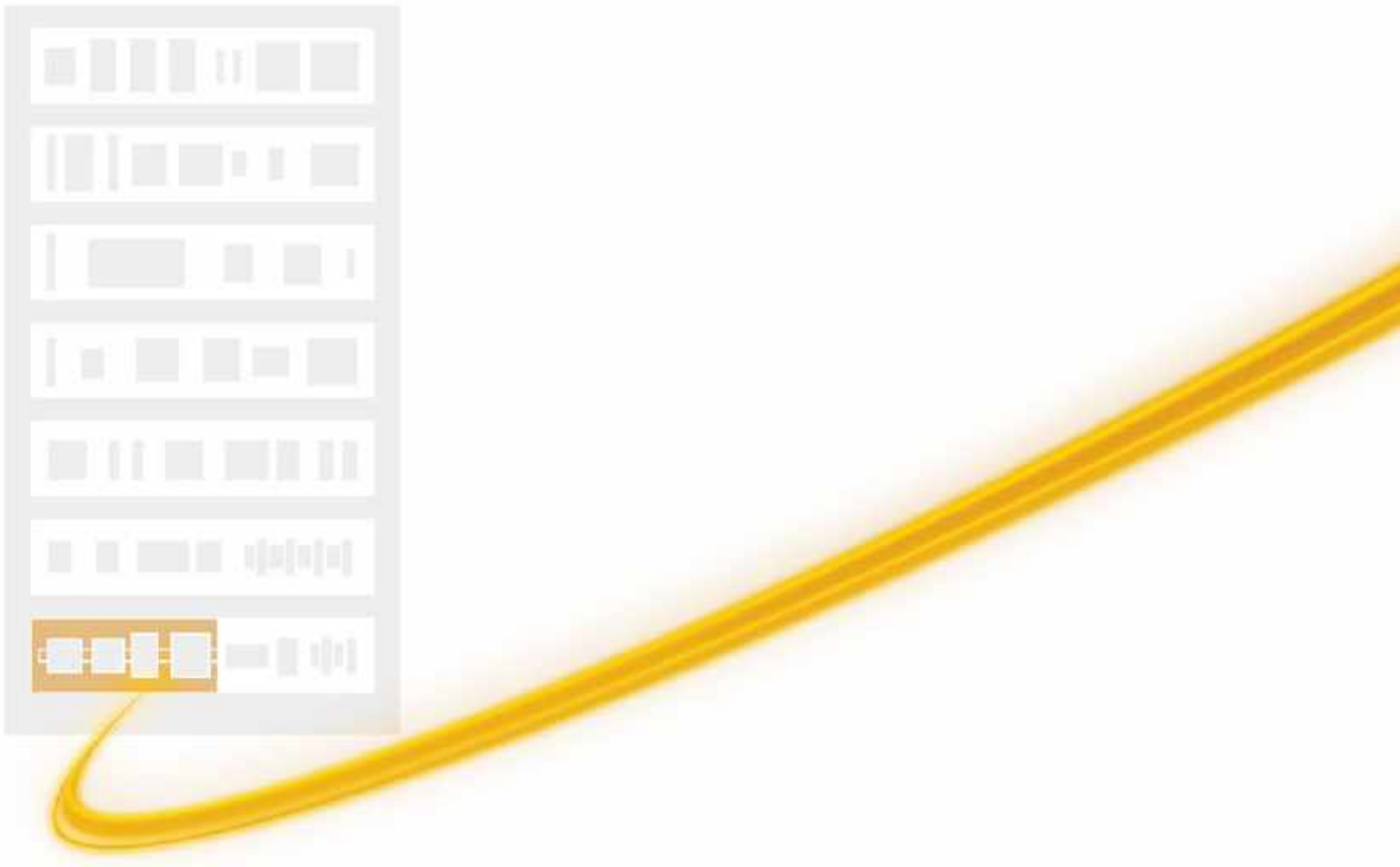
Reliable and efficient power supply

Really convenient with Klippon® Connect

More and more components need to be housed in switchgear and panels within a confined space. As part of the power feed-in, connecting conductors is becoming increasingly challenging, especially for large cross-sections. Our comprehensive range of connection solutions also enables convenient wiring in challenging space conditions. The compact design and the combination of many practical handling benefits make the supply of power to switchgear and panels simple, efficient and space-saving.

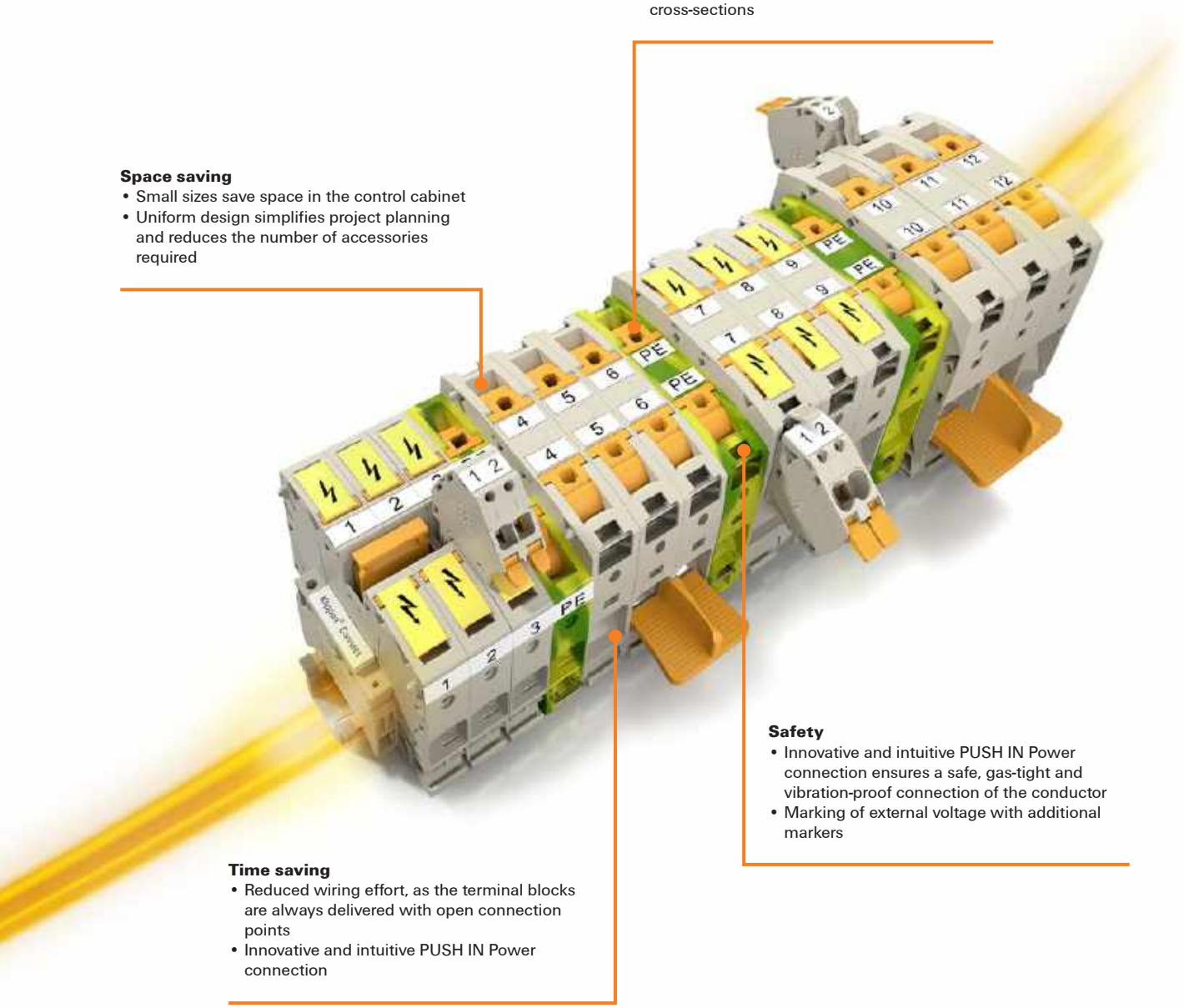
Our promise

The feed-in of power to switchgear and panels is much easier with Klippon® Connect: our connection solutions ensure reduced wiring work and efficient processes. The compact design means you save space and money, whilst increasing productivity on a sustainable basis.



Flexibility
- Pre-assembled feed-in blocks for each network system
- Uniform accessories for multiple cross-sections

Space saving
- Small sizes save space in the control cabinet
- Uniform design simplifies project planning and reduces the number of accessories required



Safety
- Innovative and intuitive PUSH IN Power connection ensures a safe, gas-tight and vibration-proof connection of the conductor
- Marking of external voltage with additional markers

Time saving
- Reduced wiring effort, as the terminal blocks are always delivered with open connection points
- Innovative and intuitive PUSH IN Power connection

Our range

Wide range – safe connections:
In confined spaces, our compact terminal blocks with proven clamping yoke technology increase convenience and enable perfect connections. The strong force of the clamping yoke spring ensures vibration-resistant contacting and compensates for the relaxation in the connected conductor.

Cost-effective and robust:
Under harsh environmental conditions with high levels of vibration and shock, such as in traffic engineering, our terminal blocks using stud technology offer excellent safety. With robust workmanship and flexible accessories, our stud terminals meet the requirements for safe, reliable power transfer.

Reliable and efficient power supply

Klippon® Connect A2C 35 high-current terminal blocks

The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new A2C 35 high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.

Find out more:

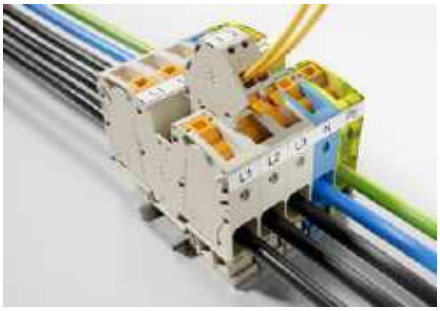
Discover all the details in the video. The new high-current terminal blocks A2C 35 with PUSH IN-Power connection:
www.weidmueller.com/pushin-power

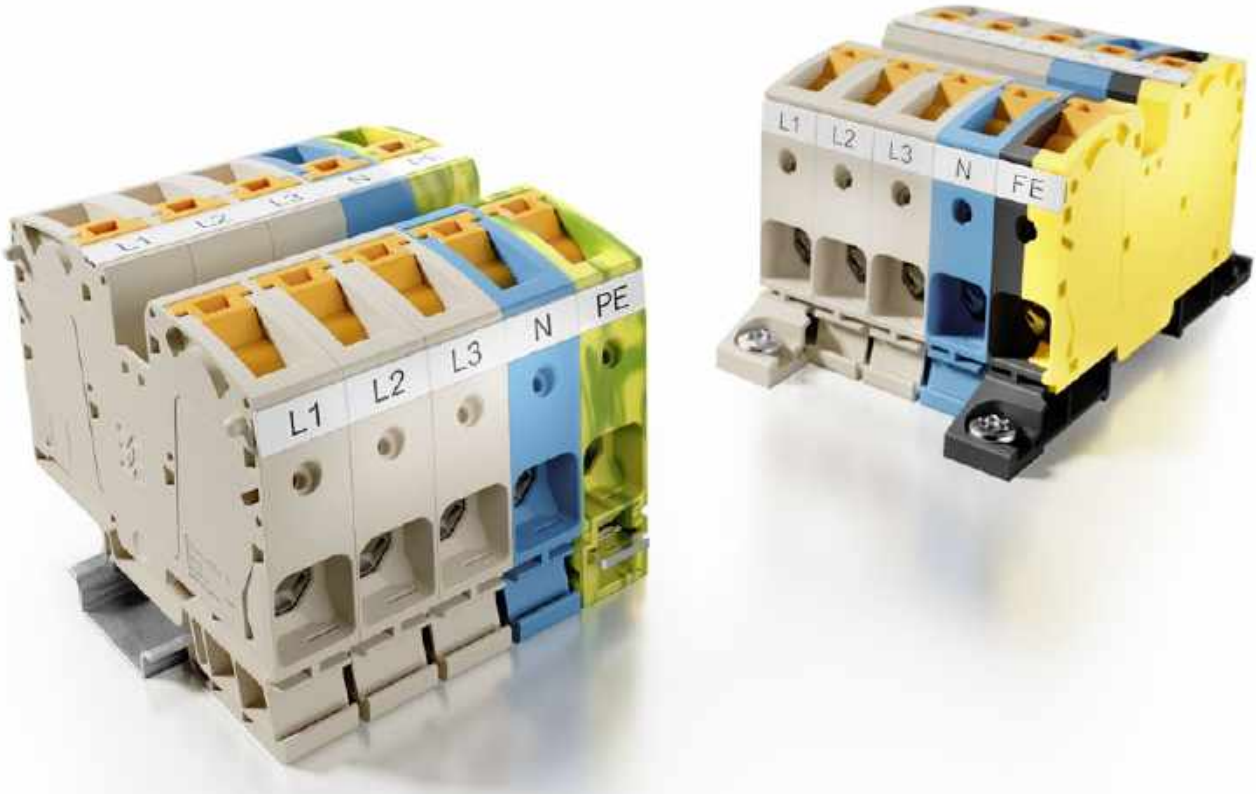
More on the benefits Klippon® Connect provides in planning, installation and operation:
www.klippon-connect.com

Pre-assembled blocks
Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

Additional connection for emergency power supply
The additional connection enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enable toolless wiring of flexible conductors.

Innovative PUSH IN-Power connection
With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm^2 to 185 mm^2 ensures maximum contact forces.





Efficient potential distribution
Step-down bridges allow potential distribution to cross-sections of 10 mm² and 16 mm². Additional power distributions implement quickly into the panel while avoiding additional wiring.

Standardised testing options
A standard 2.0 mm diameter test tap allows easy and fast testing. Standardised accessories guarantee use in the cross-section ranges from 1.5 mm² to 185 mm² and ensure a streamline portfolio of accessories.

Identification of external voltage
Large-area marker tags direct attention to an external voltage applied. The attachment of the flash markers in the connection ranges from 35 mm² to 185 mm² additionally prevent wiring in live condition. This ensures greater safety for man and machine.

Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C 35	35 mm²	A2C 35 FE	35 mm²
Width/Height/Depth mm	16 x 101.5 x 71.5		16 x 101.5 x 71.5	
max. current / max. cond. cross-section A/mm²	**125 / 35**		**125 / 35**	
Max. clamping range mm²	**2.5...35**		**2.5...35**	

Technical data

	A2C 35				A2C 35 FE			
Rated data								
	IEC 60947-7-1				IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V/V DC	1000 / 1500	1000	1000	880	1000 / 1500	1000		880
Rated current A	125	113	101	105	125			105
for wire cross-section mm²	35	AWG 12...2	AWG 12...2	35 mm²	35	AWG 12...2	AWG 12...2	35 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3				8 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0				/ V-0			
Approvals				TUEV16ATEX7909U				TUEV16ATEX7909U
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	2.5...16 / 10...35				2.5...16 / 10...35			
Flexible / Flexible with ferrule mm²	10...35 / 2.5...35				10...35 / 2.5...35			
Stripping length / Blade size mm/-	25 / 1.0 x 5.5 mm				25 / 1.0 x 5.5 mm			
Note								

Ordering data

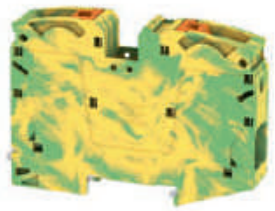
Version	A2C 35 Type	Qty.	Order No.	A2C 35 FE Type	Qty.	Order No.
dark beige	A2C 35	10	**2551510000**			
Blue	A2C 35 BL	10	**2552090000**			
Green/yellow						
yellow/black				A2C 35 FE	10	**2551530000**
Note						

Accessories

	A2C 35 Type		Qty.	Order No.	A2C 35 FE Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 35N/2	125 A	10	**2634950000**	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**	ZQV 35N-16	76 A	10	**2562660000**
Additional tap								
dark beige	AAC 35 2X6	41 A	5	**2583090000**	AAC 35 2X6	41 A	5	**2583090000**
blue	AAC 35 2X6 BL	41 A	5	**2583170000**	AAC 35 2X6 BL	41 A	5	**2583170000**
black/yellow	AAC 35 2X6 BK-YL	41 A	5	**2583190000**	AAC 35 2X6 BK-YL	41 A	5	**2583190000**
green/yellow	AAC 35 2X6 GN-YL	41 A	5	**2583180000**	AAC 35 2X6 GN-YL	41 A	5	**2583180000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 35 PE — 35 mm²



16 x 101 x 71.5
/ 35
2.5...35

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		
35	AWG 12...2	AWG 12...2	35 mm²
	/ 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

Type		Qty.	Order No.
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 DM — 35 mm²

16 x 135 x 71.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 FE DM — 35 mm²

16 x 135 x 71.5
125 / 35
2.5...35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm²
	8 kV / 3		
	/ V-0		
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

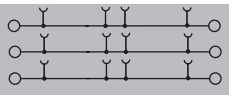
Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

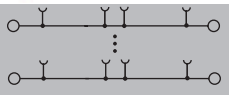
Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

Terminal blocks for rail mounting

	A2C 35 3FT	35 mm²	A2C 35 3FT-FE	35 mm²

Width/Height/Depth	48 x 101.5 x 71.5	64 x 101.5 x 71.5
max. current / max. cond. cross-section	125 / 35	125 / 35
Max. clamping range	2.5...35	2.5...35





Technical data

	A2C 35 3FT	A2C 35 3FT-FE
Rated data		
Rated voltage	V/V DC	
Rated current	A	
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Stripping length / Blade size	mm/-	
Note		

A2C 35 3FT			
IEC 60947-7-1			
IEC	**UL**	**CSA**	**EN 60079-7**
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

A2C 35 3FT-FE			
IEC 60947-7-1, IEC 60947-7-2			
IEC	**UL**	**CSA**	**EN 60079-7**
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

Ordering data

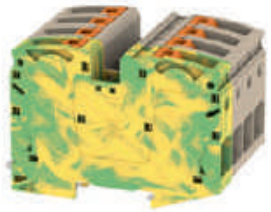
Version	A2C 35 3FT			A2C 35 3FT-FE		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	A2C 35 3FT	1	**2552100000**			
dark beige, blue	A2C 35 3FT-N	1	**2552130000**			
dark beige, black/yellow				A2C 35 3FT-FE	1	**2552110000**
dark beige, blue, black/yellow				A2C 35 3FT-N-FE	1	**2552140000**
dark beige, green/yellow						
dark beige, blue, green/yellow						
Note						

Accessories

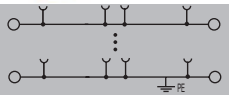
	A2C 35 3FT				A2C 35 3FT-FE			
	Type		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
Plug-in cross-connection								
2-pole	ZQV 35N/2	125 A	10	**2634950000**	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**	ZQV 35N-16	76 A	10	**2562660000**
Additional tap								
dark beige	AAC 35 2X6	41 A	5	**2583090000**	AAC 35 2X6	41 A	5	**2583090000**
blue	AAC 35 2X6 BL	41 A	5	**2583170000**	AAC 35 2X6 BL	41 A	5	**2583170000**
black/yellow	AAC 35 2X6 BK-YL	41 A	5	**2583190000**	AAC 35 2X6 BK-YL	41 A	5	**2583190000**
green/yellow	AAC 35 2X6 GN-YL	41 A	5	**2583180000**	AAC 35 2X6 GN-YL	41 A	5	**2583180000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 35 3FT-PE — 35 mm²



80 x 101.5 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

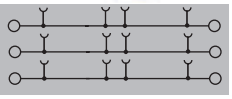
Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT-PE	1	2552120000
A2C 35 3FT-N-PE	1	2551540000

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 3FT DM — 35 mm²

48 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

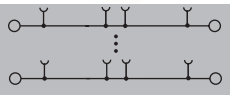
Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT DM	1	2552170000
A2C 35 3FT-N DM	1	2552190000

Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 35 3FT-FE DM — 35 mm²

64 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	880
125	113	101	105
35	AWG 12...2	AWG 12...2	35 mm²
8 kV / 3			
/ V-0			
			TUEV16ATEX7909U

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT-FE DM	1	2552180000
A2C 35 3FT-N-FE DM	1	2552200000

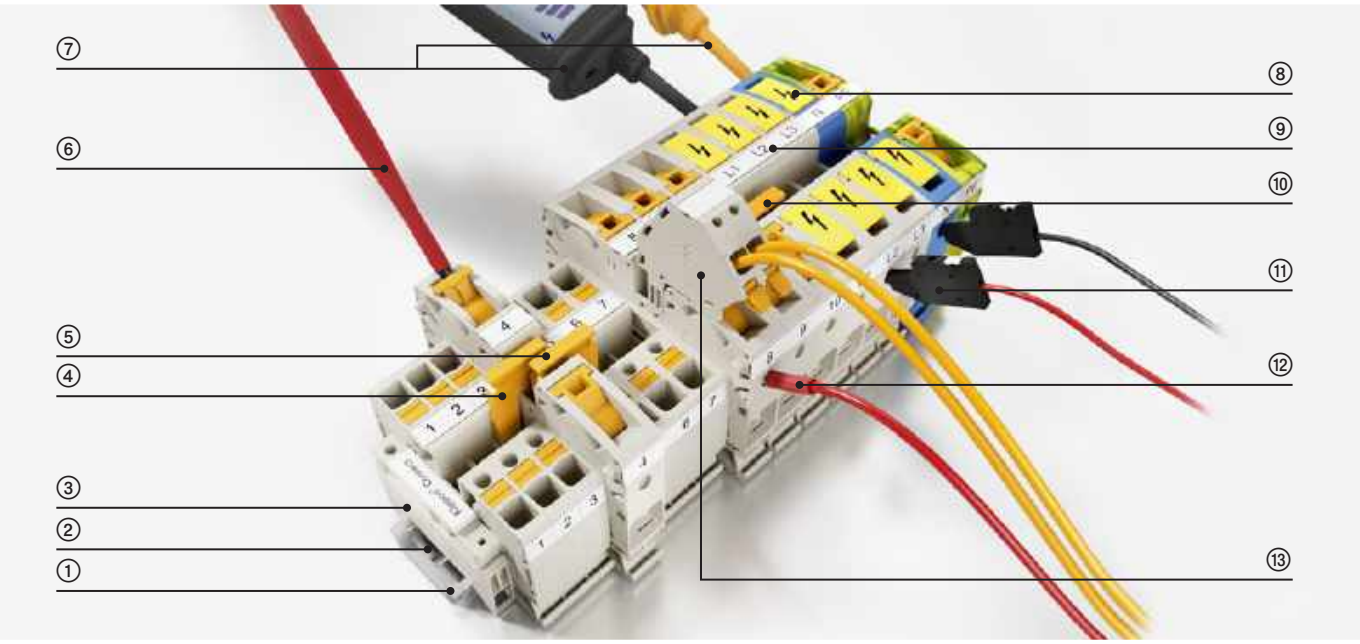
Type		Qty.	Order No.
ZQV 35N/2	125 A	10	2634950000
ZQV 35N-10	57 A	10	2562670000
ZQV 35N-16	76 A	10	2562660000
AAC 35 2X6	41 A	5	2583090000
AAC 35 2X6 BL	41 A	5	2583170000
AAC 35 2X6 BK-YL	41 A	5	2583190000
AAC 35 2X6 GN-YL	41 A	5	2583180000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

Mounting in compliance with norms

Thanks to precisely matched accessories

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Number	Description	Type	Rated voltage	Rated current	Dimensions	Colour	Qty.	Order No.
1	End plate terminal rail	TS END CAP 35X7.5			35 x 7.5 x 4 mm	grey	100	**1283470000**
2	Terminal rail	TS 35X7.5/LL 2M/ST/ZN			35 x 7.5 x 2000 mm	silver	2	**0514500000**
3	End bracket	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	**1991920000**
4	Step-down bridges	ZQV 35N-10	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	**2562670000**
5	Step-down bridges	ZQV 35N-16	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	**2562660000**
6	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	**2749380000**
7	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	**9918870000**
8	Warning cover	AAM 35-185 YE FLASH			55 x 55 x 55 mm	yellow	40	**2635600000**
9	Terminal marker	WS-A 8/16 MM WS			8 x 16 mm	white	200	**2619910000**
10	Cross-connector	ZQV 35N/2	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	**2634950000**
11	Test adapter	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	black	50	**1991890000**
12	Test probes	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	red	20	**0310000000**
13	Additional voltage tap	AAC 35 2X6	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	dark beige	10	**2583090000**
13	Additional voltage tap	AAC 35 2X6 BL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	blue	10	**2583170000**
13	Additional voltage tap	AAC 35 2X6 BK-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	black/yellow	10	**2583190000**
13	Additional voltage tap	AAC 35 2X6 GN-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	green/yellow	10	**2583180000**

Reliable and efficient power subbly

Klippon® Connect high current terminal blocks for optimal energy supply

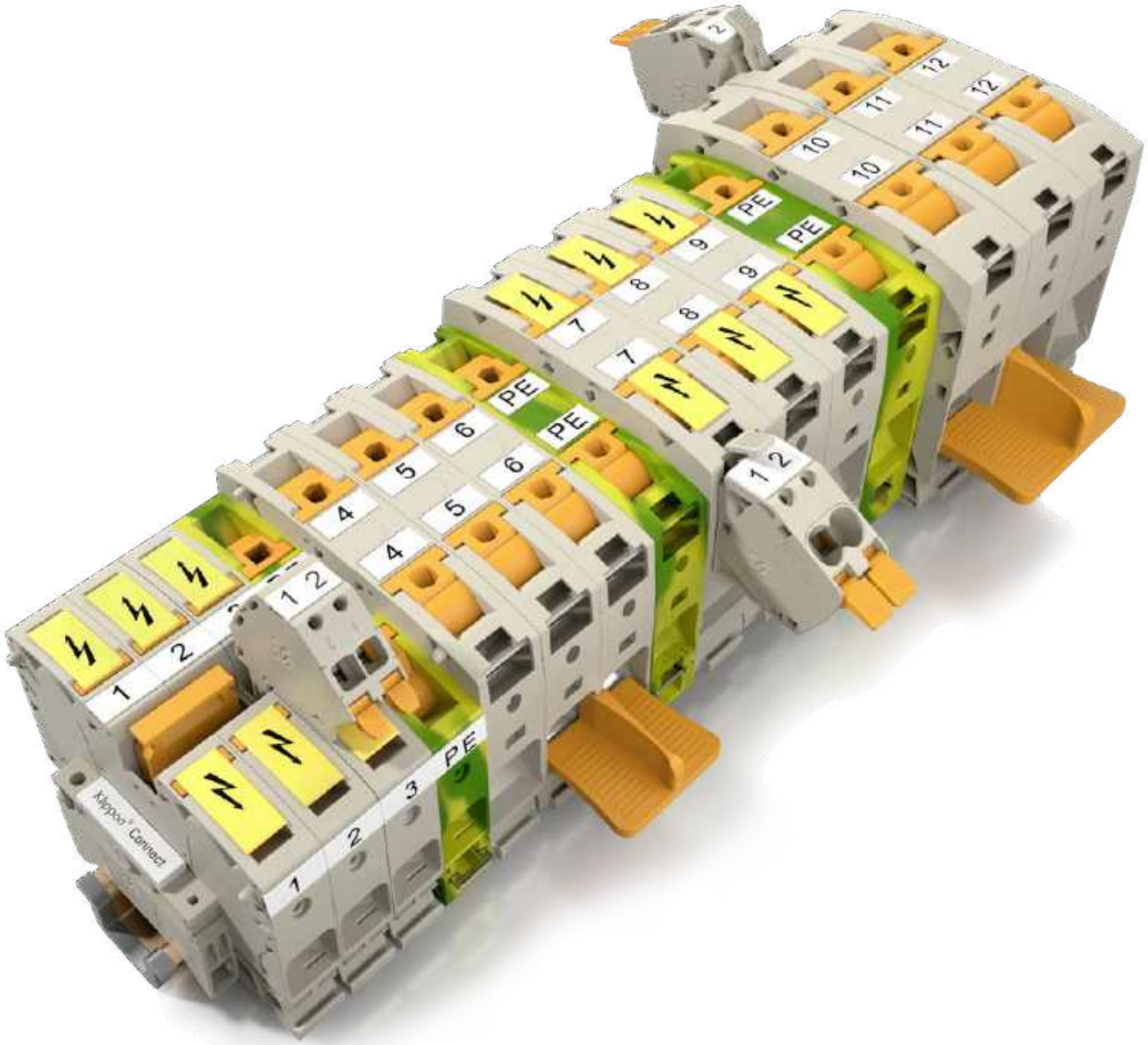
The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.

Innovative PUSH IN-Power connection
With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm^2 to 185 mm^2 ensures maximum contact forces.

Pre-aseembled blocks
Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

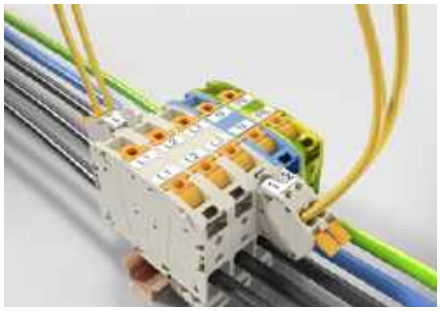
Standardised testing options
A standard 2.0 mm diameter test tap allows easy and fast testing. Standardized accessories guarantee use in the cross-section ranges from 1.5 mm^2 to 185 mm^2 and ensure a streamline portfolio of accessories.



Identification of external voltage
Large-area marker tags direct attention to an external voltage applied. Fixation of the flash markers in the connection areas of 35 mm² to 185 mm² also prevents circuitry in the live state. This ensures greater safety for man and machine.

Efficient potential distribution
The cross connections could be installed tool less by latching the wire inside the connection point. The electrical contact will be given with or without a cable inside the connection point. Thanks to their special design, they could be easily identified with or without any conductor connection.

Additional connection for emergency power supply
The additional connection for the cross section from 50 mm² up to 185 mm² enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enable tool less wiring of flexible conductors.



Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C 50/70	A2C 50/70 FE
	50 mm²	50 mm²
Width/Height/Depth mm	20 x 101.5 x 80.5	20 x 101.5 x 80.5
max. current / max. cond. cross-section A/mm²	**150 / 70**	**150 / 70**
Max. clamping range mm²	**10...70**	**10...70**

Technical data

	A2C 50/70	A2C 50/70 FE
Rated data		
Rated voltage V/V DC	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC: 1000 / 1500 · UL: 1000 · CSA: 1000 · EN 60079-7	IEC: 1000 / 1500 · UL: 1000 · CSA: 1000 · EN 60079-7
for wire cross-section mm²	150 · 175 · 175	150
Rated impulse withstand voltage / Pollution severity	50 · AWG 8...0 · AWG 8...NaN	50 · AWG 8...0 · AWG 8...NaN
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	/ V-0	/ V-0
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule mm²	10...70 / 10...70	10...16 / 10...70
Stripping length / Blade size mm/-	10...70 / 10...50	10...70 / 10...50
	30 / 1.0 x 5.5 mm	30 / 1.0 x 5.5 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2C 50/70	5	**2663250000**			
Blue	A2C 50/70 BL	5	**2663260000**			
Green/yellow						
yellow/black				A2C 50/70 FE	5	**2663270000**
Note						

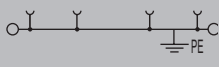
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Cross connections insertable								
2-pole	ZQV 50/70N/2	150 A	10	**2663400000**	ZQV 50/70N/2	150 A	10	**2663400000**
Additional tap								
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**	AAC 50-185 2X10	57 A	5	**2663420000**
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**	AAC 50-185 2X10 BL	57 A	5	**2663430000**
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 50/70 PE — 50 mm²

20 x 101.5 x 80.5
/ 70
10...70



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
/ 1500	1000	1000	
50	AWG 8...0	AWG 8...NaN	
	/ 3		
	/ V-0		

Rated connection
10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

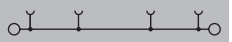
Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.

Type		Qty.	Order No.
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 50/70-DM — 50 mm²

20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
	8 kV / 3		
	/ V-0		

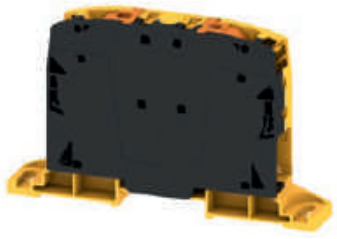
Rated connection
10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

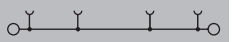
Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

Type		Qty.	Order No.
ZQV 50/70N/2	150 A	10	2663400000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

A2C 50/70 FE-DM — 50 mm²



20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150			
50	AWG 8...0	AWG 8...NaN	
	8 kV / 3		
	/ V-0		

Rated connection
10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 FE-DM	5	2663350000

Type		Qty.	Order No.
ZQV 50/70N/2	150 A	10	2663400000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000

Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C 95/120	A2C 95/120 FE
	95 mm²	95 mm²
Width/Height/Depth mm	25 x 101.5 x 90	25 x 101.5 x 90
max. current / max. cond. cross-section A/mm²	**232 / 120**	**232 / 120**
Max. clamping range mm²	**25...120**	**25...120**

Technical data

	A2C 95/120	A2C 95/120 FE
Rated data		
Rated voltage V/V DC	IEC 60947-7-1	IEC 60947-7-1
Rated current A	1000 / 1500	1000 / 1500
for wire cross-section mm²	232	232
Rated impulse withstand voltage / Pollution severity	95	95
Gauge to IEC 60947-1 / UL 94 flammability rating	600	
Approvals	255	
	AWG 4...250	AWG 4...0
	8 kV / 3	8 kV / 3
	/ V-0	/ V-0
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	25...120 / 25...120	25...120 / 25...120
Flexible / Flexible with ferrule mm²	25...120 / 25...95	25...120 / 25...95
Stripping length / Blade size mm/-	40 / 1.0 x 5.5 mm	40 / 1.0 x 5.5 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		
232	255		
95	AWG 4...250		
	8 kV / 3		
	/ V-0		

IEC	UL	CSA	EN 60079-7
1000 / 1500			
232			
95	AWG 4...0		
	8 kV / 3		
	/ V-0		

Ordering data

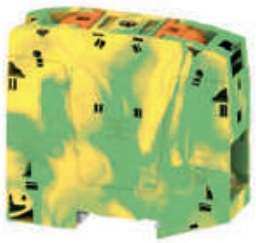
Version	A2C 95/120 Type	Qty.	Order No.	A2C 95/120 FE Type	Qty.	Order No.
dark beige	A2C 95/120	5	**2694060000**			
Blue	A2C 95/120 BL	5	**2694070000**			
Green/yellow						
yellow/black				A2C 95/120 FE	5	**2694080000**
Note						

Accessories

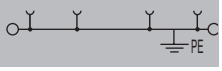
	A2C 95/120 Type		Qty.	Order No.	A2C 95/120 FE Type		Qty.	Order No.
Cross connections insertable								
2-pole	ZQV 95/120N/2	192 A	10	**2694250000**	ZQV 95/120N/2	192 A	10	**2694250000**
3-pole	ZQV 95/120N/3	192 A	10	**2694260000**	ZQV 95/120N/3	192 A	10	**2694260000**
Additional tap								
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**	AAC 50-185 2X10	57 A	5	**2663420000**
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**	AAC 50-185 2X10 BL	57 A	5	**2663430000**
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 95/120 PE — 95 mm²



25 x 101.5 x 90
/ 120
25...120



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500			
95	AWG 4...0		
	/ 3		
	/ V-0		

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

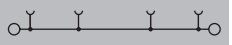
Type	Qty.	Order No.
A2C 95/120 PE	5	**2694090000**

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail shouldbe used.

Type		Qty.	Order No.
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C 95/120-DM — 95 mm²

25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		
232	255		
95	AWG 4...250		
	8 kV / 3		
	/ V-0		

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

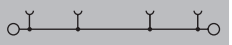
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120-DM	5	**2694150000**
A2C 95/120 BL-DM	5	**2694160000**

Type		Qty.	Order No.
ZQV 95/120N/2	192 A	10	**2694250000**
ZQV 95/120N/3	192 A	10	**2694260000**
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C 95/120 FE-DM — 95 mm²

25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500			
232			
95	AWG 4...0		
	8 kV / 3		
	/ V-0		

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	**2694170000**

Type		Qty.	Order No.
ZQV 95/120N/2	192 A	10	**2694250000**
ZQV 95/120N/3	192 A	10	**2694260000**
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C 150/185	150 mm²	A2C 150/185 FE	150 mm²
Width/Height/Depth mm	34 x 118.5 x 98		34 x 118.5 x 98	
max. current / max. cond. cross-section A/mm²	**309 / 185**		**309 / 185**	
Max. clamping range mm²	**25...185**		**25...185**	

Technical data

	A2C 150/185	A2C 150/185 FE
Rated data		
Rated voltage V/V DC	1000 / 1500	1000 / 1500
Rated current A	309	309
for wire cross-section mm²	150	150
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	B13 / V-0	B13 / V-0
Approvals	IEC 60947-7-1	IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	50...185 / 50...185	50...185 / 50...185
Flexible / Flexible with ferrule mm²	50...185 / 50...150	50...185 / 50...150
Stripping length / Blade size mm/-	40 / 1.0 x 5.5 mm	40 / 1.0 x 5.5 mm
Rated connection		
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	A2C 150/185	5	**2728700000**			
Blue	A2C 150/185 BL	5	**2728710000**			
yellow/black				A2C 150/185 FE	5	**2728720000**
Note						

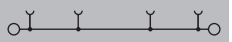
Accessories

Cross connections insertable	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 150/185N/2	232 A	5	**2728840000**	ZQV 150/185N/2	232 A	5	**2728840000**
3-pole	ZQV 150/185N/3	232 A	5	**2728850000**	ZQV 150/185N/3	232 A	5	**2728850000**
Additional tap								
dark beige	AAC 50-185 2X10	57 A	5	**2663420000**	AAC 50-185 2X10	57 A	5	**2663420000**
blue	AAC 50-185 2X10 BL	57 A	5	**2663430000**	AAC 50-185 2X10 BL	57 A	5	**2663430000**
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**	AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**	AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDS 1.0X5.5X150		1	**2749380000**	SDS 1.0X5.5X150		1	**2749380000**
Warning labels								
	AAM 35-185 YE FLASH		40	**2635600000**	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags								
	WS-A 8/16 MM WS		200	**2619910000**	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 150/185-DM — 150 mm²

34 x 151 x 98
309 / 185
25...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500			
309			
150			
	8 kV / 3		
	B13 / V-0		

Rated connection
50...185 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

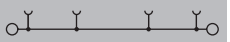
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 150/185-DM	1	**2728770000**
A2C 150/185 BL-DM	5	**2728780000**

Type		Qty.	Order No.
ZQV 150/185N/2	232 A	5	**2728840000**
ZQV 150/185N/3	232 A	5	**2728850000**
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C 150/185 FE-DM — 150 mm²

34 x 151 x 98
309 / 185
25...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500			
309			
150			
	8 kV / 3		
	B13 / V-0		

Rated connection
50...185 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 150/185 FE-DM	5	**2728790000**

Type		Qty.	Order No.
ZQV 150/185N/2	232 A	5	**2728840000**
ZQV 150/185N/3	232 A	5	**2728850000**
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
WEW 35/1		50	**1059000000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

Power feed-in
PUSH IN connection

Terminal blocks for rail mounting

	A2C ... 3FT	A2C ... 3FT-FE
	50 mm²	50 mm²
Width/Height/Depth mm	60 x 101.5 x 80.5	80 x 101.5 x 80.5
max. current / max. cond. cross-section A/mm²	150 / 70	150 / 70
Max. clamping range mm²	10...70	10...70

Technical data

	A2C ... 3FT	A2C ... 3FT-FE
Rated data		
Rated voltage V/V DC	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
for wire cross-section mm²	1000 / 1500 / 1000 / 1000	1000 / 1500 / 1000 / 1000
	150 / 175 / 175	150 / 175 / 175
	50 / AWG 8...0 / AWG 8...NaN	50 / AWG 8...0 / AWG 8...NaN
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	/ V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	10...70 / 10...70	10...70 / 10...70
Flexible / Flexible with ferrule mm²	10...70 / 10...50	10...70 / 10...50
Stripping length / Blade size mm/-	30 / 1.0 x 5.5 mm	30 / 1.0 x 5.5 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	A2C ... 3FT Type	Qty.	Order No.	A2C ... 3FT-FE Type	Qty.	Order No.
Clamping range 50 mm² / 70 mm²						
dark beige	A2C 50/70 3FT	1	2663320000	A2C 50/70 3FT-FE	1	2663310000
dark beige, blue	A2C 50/70 3FT-N	1	2663300000	A2C 50/70 3FT-N-FE	1	2663290000
dark beige, black/yellow						
dark beige, blue, black/yellow						
Clamping range 95 mm² / 120 mm²						
dark beige	A2C 95/120 3FT	1	2694140000	A2C 95/120 3FT-FE	1	2694130000
dark beige, blue	A2C 95/120 3FT-N	1	2694120000	A2C 95/120 3FT-N-FE	1	2694100000
dark beige, black/yellow						
dark beige, blue, black/yellow						
Clamping range 150 mm² / 185 mm²						
dark beige	A2C 150/185 3FT	1	2728760000	A2C 150/185 3FT-FE	1	2728750000
dark beige, blue	A2C 150/185 3FT-N	1	2728740000	A2C 150/185 3FT-N-FE	5	2728730000
dark beige, black/yellow						
dark beige, blue, black/yellow						
Note	You will find the technical data on the individual products.			You will find the technical data on the individual products.		

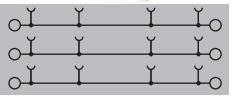
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Additional tap								
dark beige	AAC 50-185 2X10	57 A	5	2663420000	AAC 50-185 2X10	57 A	5	2663420000
blue	AAC 50-185 2X10 BL	57 A	5	2663430000	AAC 50-185 2X10 BL	57 A	5	2663430000
black/yellow	AAC 50-185 2X10 BK-YL	57 A	5	2663450000	AAC 50-185 2X10 BK-YL	57 A	5	2663450000
green/yellow	AAC 50-185 2X10 GN-YL	57 A	5	2663440000	AAC 50-185 2X10 GN-YL	57 A	5	2663440000
End bracket								
dark beige, screwable	AEB 35 SC/1		50	1991920000	AEB 35 SC/1		50	1991920000
Screwdriver								
Standard	SDS 1.0X5.5X150		1	2749380000	SDS 1.0X5.5X150		1	2749380000
Warning labels								
	AAM 35-185 YE FLASH		40	2635600000	AAM 35-185 YE FLASH		40	2635600000
Marking tags								
	WS-A 8/16 MM WS		200	2619910000	WS-A 8/16 MM WS		200	2619910000

For detailed information on other accessories and application in the online catalogue

A2C ... 3FT DM — 50 mm²

60 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
	8 kV / 3		
	/ V-0		

Rated connection
10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

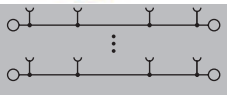
Type	Qty.	Order No.
A2C 50/70 3FT-DM	1	**2663390000**
A2C 50/70 3FT-N-DM	1	**2663370000**
A2C 95/120 3FT-DM	1	**2694230000**
A2C 95/120 3FT-N-DM	1	**2694200000**
A2C 150/185 3FT-DM	1	**2728830000**
A2C 150/185 3FT-N-DM	1	**2728810000**

You will find the technical data on the individual products.

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C ... 3FT-FE DM — 50 mm²

80 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000	1000	
150	175	175	
50	AWG 8...0	AWG 8...NaN	
	8 kV / 3		
	/ V-0		

Rated connection
10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 3FT-FE-DM	1	**2663380000**
A2C 50/70 3FT-N-FE-DM	1	**2663360000**
A2C 95/120 3FT-FE-DM	1	**2694220000**
A2C 95/120 3FT-N-FE-DM	1	**2694180000**
A2C 150/185 3FT-FE-DM	1	**2728820000**
A2C 150/185 3FT-N-FE-DM	5	**2728800000**

You will find the technical data on the individual products.

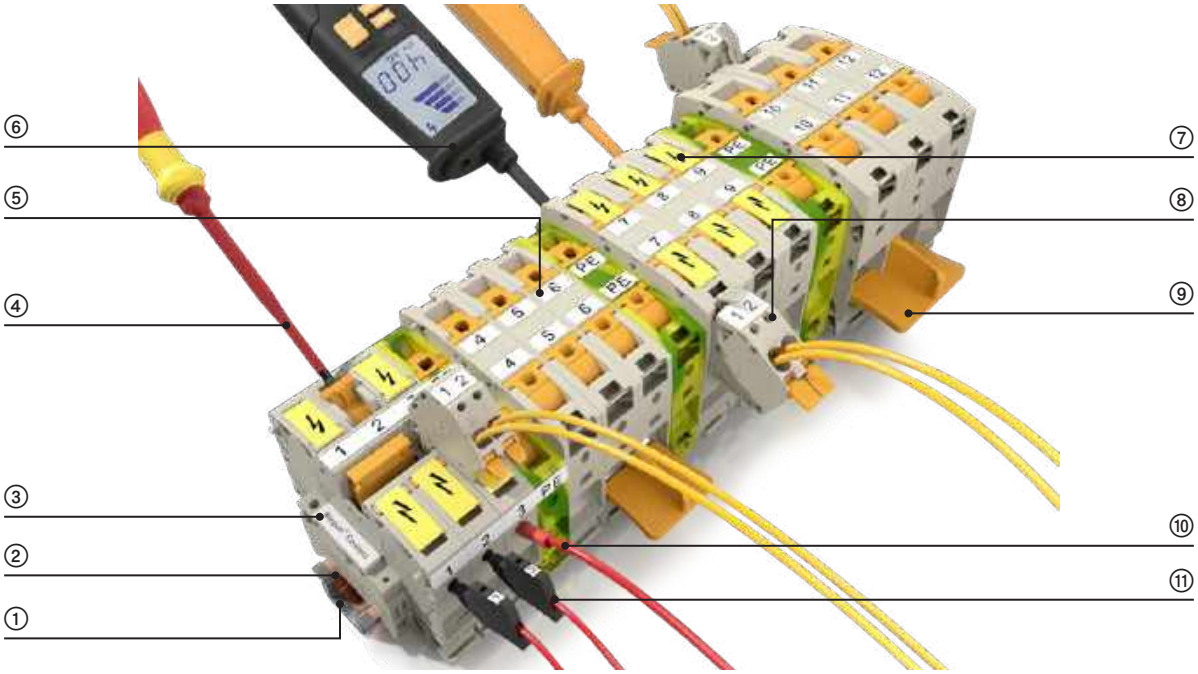
Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	**2663420000**
AAC 50-185 2X10 BL	57 A	5	**2663430000**
AAC 50-185 2X10 BK-YL	57 A	5	**2663450000**
AAC 50-185 2X10 GN-YL	57 A	5	**2663440000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

Mounting in compliance with norms

Thanks to precisley matched accessories for the A2C 50/70 to A2C 150/185

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

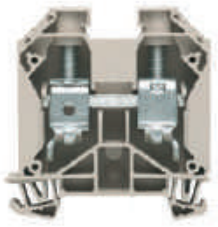
The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Number	Description	Type	Rated voltage	Rated Current	Dimensions	Colour	Qty.	Order No.
1	End cap mounting rail	TS END CAP 35X15			37.5 x 16.5 x 7 mm	grey	100	**1283480000**
2	Mounting rail	TS 35X15/2.3M/CU/BK			35 x 15 x 2000 mm		2	**0270100000**
3	End brackets	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	**1991920000**
4	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	**2749380000**
5	Terminal block marker	WS-A 8/16 MM WS			8 x 16 mm	white	200	**2619910000**
6	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	**9918870000**
7	Flash cover	AAM 35-185 YE FLASH			12 x 23.5 x 6.8 mm	yellow	40	**2635600000**
8	Additional voltage tap	AAC 50-185 2X10	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	dark beige	5	**2663420000**
8	Additional voltage tap	AAC 50-185 2X10 BL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	blue	5	**2663430000**
8	Additional voltage tap	AAC 50-185 2X10 BK-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	black/yellow	5	**2663450000**
8	Additional voltage tap	AAC 50-185 2X10 GN-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	green/yellow	5	**2663440000**
9	Cross connection	ZQV 150/185N/2	1000 V AC / 1500 V DC	232 A	88.32 x 82.26 x 25.6 mm	orange	5	**2728840000**
9	Cross connection	ZQV 150/185N/3	1000 V AC / 1500 V DC	232 A	57.32 x 82.26 x 25.6 mm	orange	5	**2728850000**
9	Cross connection	ZQV 95/120N/2	1000 V AC / 1500 V DC	232 A	48.07 x 76.91 x 22.5 mm	orange	10	**2694250000**
9	Cross connection	ZQV 95/120N/3	1000 V AC / 1500 V DC	232 A	73.07 x 76.91 x 22.5 mm	orange	10	**2694260000**
9	Cross connection	ZQV 50/70N/2	1000 V AC / 1500 V DC	150 A	38.13 x 68.18 x 17.1 mm	orange	10	**2663400000**
10	Test probe	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	4.3 x 4.3 x 27 mm	red	20	**0310000000**
11	Test probe	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	3.5 x 15.5 x 52 mm	black	50	**1991890000**

WDU 35 — 35 mm²

Clamping screw / spigot for good connection stability



WDU 35N — 35 mm²

Suitable for power distribution
Compact design

Width/Height/Depth	mm	16 x 60 x 62.5
max. current / max. cond. cross-section	A/mm²	**150 / 50**
Max. clamping range	mm²	**2.5...50**

Width/Height/Depth	mm	16 x 66 x 50.5
max. current / max. cond. cross-section	A/mm²	**150 / 50**
Max. clamping range	mm²	**2.5...50**

Technical data

Rated data		IEC 60947-7-1	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	600	690
Rated current	A	125	150	150	115
for wire cross-section	mm²	35	AWG 12...0	AWG 12...NaN	35 mm²
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				B8 / V-0	
Approvals					DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)		**Rated connection**			**Further connection**
Solid / Stranded	mm²	2.5...16 / 2.5...50			
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35			
Tightening torque / Clamping screw	Nm	4...5 / (M 6)			
Stripping length / Blade size	mm/-	18 / 6.5 x 1.2 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / Stranded	-	/ 16...16			
Flexible / Flexible with ferrule	mm²	2.5...16 / 2.5...16			
Note					

Rated data		IEC 60947-7-1	UL	CSA	EN 60079-7
Rated voltage	V	500	1000		352
Rated current	A	125	150		110
for wire cross-section	mm²	35	AWG 12...0	AWG 12...2	35 mm²
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				B8 / V-0	
Approvals					DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)		**Rated connection**			**Further connection**
Solid / Stranded	mm²	2.5...16 / 2.5...50			
Flexible / Flexible with ferrule	mm²	2.5...35 / 2.5...35			
Tightening torque / Clamping screw	Nm	4...5 / (M 6)			
Stripping length / Blade size	mm/-	18 / 6.5 x 1.2 mm			
2 conductors with same cross-section (H05V/H07V)					
Solid / Stranded	-				
Flexible / Flexible with ferrule	mm²	2.5...6 / 2.5...6			
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige			
Blue			
without peg / dark beige	WDU 35	40	**1020500000**
Note			

Version	Type	Qty.	Order No.
dark beige			
Blue			
without peg / dark beige	WDU 35N	20	**1040400000**
Note			

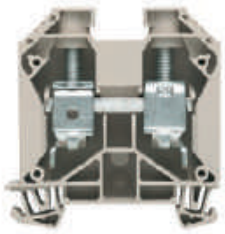
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 35/2	138 A	50	**1053060000**
10-pole	WQV 35/10	112 A	10	**1053160000**
4-pole				
3-pole				
End plate / Partition plate				
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
dark beige				
Cover				
black/yellow	WAD 12 MC B GE/SW		32	**2445090000**
white	WAD 12 MC NE WS		32	**2445070000**
With lightning flash symbol				
Blank, white				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Additional connection				
10 mm²				
4mm²				
Screwdriver				
Standard				

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 35N/2	125 A	20	**1079200000**
10-pole				
4-pole	WQV 35N/4	125 A	20	**1079400000**
3-pole				
End plate / Partition plate				
dark beige	WTW EN		20	**1058800000**
Blue				
End bracket				
dark beige, screwable				
dark beige	WEW 35/2		50	**1061200000**
Cover				
black/yellow				
white				
With lightning flash symbol	WAD 16N GE BED		50	**1083600000**
Blank, white				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Additional connection				
10 mm²				
4mm²				
Screwdriver				
Standard				

For detailed information on other accessories and application in the online catalogue

WDU 35 IR — 35 mm²



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000		690
125	150		115
35	AWG 12...0		35 mm²
	8 kV / 3		
	B8 / V-0		

DEMKO14ATEX1338U

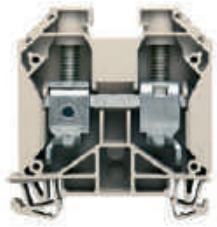
Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...5 / (M 6)	
18 / TX 20	

Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Type		Qty.	Order No.
WQV 35/2	138 A	50	1053060000
WQV 35/10	112 A	10	1053160000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 MC B GE/SW		32	2445090000
WAD 12 MC NE WS		32	2445070000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/5 MC NE WS		720	1609860000

WDU 35 IK — 35 mm²

Hexagonal socket / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm²
	8 kV / 3		
	B8 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
4...6 / (M 6)	
18 / S4 (DIN 6911)	
/ 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	1020600000

Type		Qty.	Order No.
WQV 35/2	138 A	50	1053060000
WQV 35/10	112 A	10	1053160000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/1		50	1059000000
WAD 12 MC B GE/SW		32	2445090000
WAD 12 MC NE WS		32	2445070000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

WDU 50N — 50 mm²

Compact design

18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1		Ex eb II C Gb	Ex	II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm²
	8 kV / 3		
	B10 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
10...16 / 10...70	
10...50	
3.5...6 / (M 6)	
24 / S4 (DIN 6911)	
/ 6...16	
6...16 / 6...16	

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000

Type		Qty.	Order No.
WQV 50N/2	150 A	5	1834060000
WQV 50N/4	150 A	5	1834080000
WQV 50N/3	150 A	5	1834070000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
WZAD 50N	41 A	5	1872720000
SKS 2,0-8,0 MR		1	9008870000

Power feed-in
Screw connection

	WDU 50N IR	50 mm²	WDU 70N	70 mm²
	Six-lobe socket		Compact design	
Width/Height/Depth mm	18.5 x 70 x 69.6		20.5 x 75 x 85	
max. current / max. cond. cross-section A/mm²	**192 / 70**		**232 / 95**	
Max. clamping range mm²	**10...70**		**16...95**	
IEC 60947-7-1	Ex eb II C Gb Ex II 2 G D		Ex eb II C Gb Ex II 2 G D	
IEC	1000		1000	
UL			600	
CSA			600	
EN 60079-7	690		690	
	150		192	
			150	
			150	
	126		184	
	50		70	
			AWG 6...0	
			AWG 6...0	
	50 mm²		70 mm²	
Rated impulse withstand voltage / Pollution severity	8 kV / 3		8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	B10 / V-0		B11 / V-0	
Approvals	DEMKO14ATEX1338U		DEMKO14ATEX1338U	
Rated connection				
Further connection				
	10...16 / 10...70		16...16 / 16...95	
	10...50		16...70 / 16...50	
	3...6 / (M 6)		8...12 / (M 8)	
	24 / TX 20		22 / S6 (DIN 6911)	
	/ 6...16		/ 10...25	
	6...16 / 6...16		10...25 / 6...25	
Note				

Technical data

Rated data

Clamped conductors (H05V/H07V)

Solid / Stranded mm²

Flexible / Flexible with ferrule mm²

Tightening torque / Clamping screw Nm

Stripping length / Blade size mm/-

2 conductors with same cross-section (H05V/H07V)

Solid / Stranded -

Flexible / Flexible with ferrule mm²

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	WDU 50N IR	10	**1186630000**	WDU 70N/35	10	**9512190000**
Blue				WDU 70N/35 BL	10	**9512420000**
without peg / dark beige						
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 50N/2	150 A	5	**1834060000**	WQV 70N/2	192 A	5	**9512240000**
10-pole								
4-pole	WQV 50N/4	150 A	5	**1834080000**	WQV 70N/4	192 A	5	**9531290000**
3-pole	WQV 50N/3	150 A	5	**1834070000**	WQV 70N/3	192 A	5	**9512250000**
End plate / Partition plate								
dark beige								
Blue								
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
dark beige								
Cover								
black/yellow								
white								
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**	WAD 20 GE WSD		10	**9512260000**
Blank, white								
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**
Additional connection								
10 mm²	WZAD 50N	41 A	5	**1872720000**	WZAD 70N	41 A	5	**1964830000**
4mm²								
Screwdriver								
Standard	TH-S 9-40		1	**9008880000**	SKS 2,0-8,0 MR		1	**9008870000**

For detailed information on other accessories and application in the online catalogue

WDU 70N IR — 70 mm²

20.5 x 75 x 85
232 / 95
16...95

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
192	150		
70	AWG 6...0		
	8 kV / 3		
	B11 / V-0		

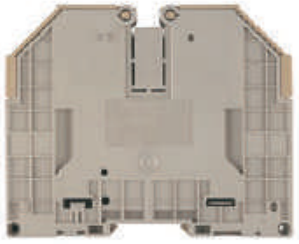
Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
8...12 / (M 8)	
22 / TX 40	

Type	Qty.	Order No.
WDU 70N/35 IR	10	**1393420000**

Type		Qty.	Order No.
WQV 70N/2	192 A	5	**9512240000**
WQV 70N/4	192 A	5	**9531290000**
WQV 70N/3	192 A	5	**9512250000**
WEW 35/1		50	**1059000000**
WAD 20 GE WSD		10	**9512260000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**
WZAD 70N	41 A	5	**1964830000**
TH-S 9-40		1	**9008880000**

WDU 70/95 — 95 mm²

Conductor can be inserted from above / leaf spring



27 x 132 x 107
232 / 120
13.3...120

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
232	175	205	218
95	AWG 6...0	AWG 6...0	95 mm²
	8 kV / 3		
	B12 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...120	
16...95 / 16...50	
6...12 / (M 8)	
30 / S6 (DIN 6911)	
	/ 16...35
	16...35 / 16...35

Type	Qty.	Order No.
WDU 70/95	10	**1024600000**
WDU 70/95 BL	10	**1024680000**

Type		Qty.	Order No.
WQV 70/95/2	232 A	5	**1063500000**
WQV 70/95/3	232 A	5	**1063600000**
WEW 35/1		50	**1059000000**
WAD 27 M. BL.		10	**1062860000**
WAD 27 NEUTRAL		10	**1062960000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
WZAD 70/95	32 A	10	**1066000000**
SKS 2,0-8,0 MR		1	**9008870000**

WDU 95N/120N — 120 mm²

Compact design

27 x 91 x 90
290 / 150
16...150

IEC 60947-7-1 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm²
	8 kV / 3		
	B13 / V-0		

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120	
12...20 / (M 10)	
27 / S6 (DIN 6911)	
35...10 / 10...35	
16...35 / 10...35	

Type	Qty.	Order No.
WDU 95N/120N	5	**1820550000**
WDU 95N/120N BL	5	**1820560000**

Type		Qty.	Order No.
WQV 95N/120N/2	269 A	5	**1826890000**
WQV 95N/120N/4	269 A	5	**1826910000**
WQV 95N/120N/3	269 A	5	**1826900000**
WEW 35/1		50	**1059000000**
WAD 20 GE WSD		10	**9512260000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**
WZAD 95N/120N	41 A	5	**1859580000**
SKS 2,0-8,0 MR		1	**9008870000**

	WDU 120/150	WDU 240
	120 mm²	240 mm²
	Conductor can be inserted from above / leaf spring	
Width/Height/Depth mm	32 x 132 x 117	36 x 100 x 123.7
max. current / max. cond. cross-section A/mm²	309 / 150	415 / 240
Max. clamping range mm²	33.63...150	70...240

Technical data

	WDU 120/150	WDU 240
Rated data		
Approvals	IEC 60947-7-1 Ex eb II C Gb II 2 G D	IEC 60947-7-1 Ex e II II 2 G D
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	1000 / 1000 / 600 / 1100	1000 / 600 / 600 / 1100
Rated current A	269 / 225 / 285 / 265	415 / 380 / 400 / 350
for wire cross-section mm²	120 / AWG 2...250 / AWG 2...250 / 150 mm²	240 / AWG 0...500 / 240 mm²
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	B13 / V-0	B15 / V-0
Approvals	DEMKO14ATEX1338U	KEMA01ATEX2186U
	Rated connection / Further connection	Rated connection / Further connection
Clamped conductors (H05V/H07V)		
Solid / Stranded -	/ 35...150	/ 70...240
Flexible / Flexible with ferrule mm²	35...150 / 35...50	70...240 / 70...185
Tightening torque / Clamping screw Nm	10...20 / (M 10)	25...30 / (M 10)
Stripping length / Blade size mm/-	35 / S6 (DIN 6911)	40 / S8 (DIN 6911)
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded -	/ 35...70	/ 35...95
Flexible / Flexible with ferrule mm²	35...70 / 35...70	50...95 / 35...50
Note		

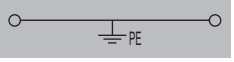
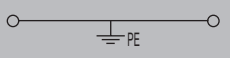
Ordering data

Version	WDU 120/150 Type	Qty.	Order No.	WDU 240 Type	Qty.	Order No.
dark beige	WDU 120/150	10	1024500000	WDU 240	2	1802780000
Blue	WDU 120/150 BL	10	1024580000	WDU 240 BL	2	1822210000
without peg / dark beige						
Note						

Accessories

	WDU 120/150 Type		Qty.	Order No.	WDU 240 Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 120/2	269 A	5	1063300000	WQB 240/2	320 A	5	1802790000
10-pole								
4-pole								
3-pole	WQV 120/3	292 A	5	1063400000	WQB 240/3	320 A	5	1802800000
End plate / Partition plate								
dark beige								
Blue								
End bracket								
dark beige, screwable	WEW 35/1		50	1059000000	WEW 35/1		50	1059000000
dark beige								
Cover								
black/yellow								
white								
With lightning flash symbol	WAD 27 M. BL.		10	1062860000				
Blank, white	WAD 27 NEUTRAL		10	1062960000				
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000	WS 12/6.5 MC NE WS		540	1609920000
Additional connection								
10 mm²					WZAD 240	57 A	5	1802810000
4mm²	WZAD120		10	1066100000				
Screwdriver								
Standard	SKS 2,0-8,0 MR		1	9008870000	SKS 2,0-8,0 MR		1	9008870000

For detailed information on other accessories and application in the online catalogue

	WPE 35	WPE 35N
	35 mm²	35 mm²
		Compact design
Width/Height/Depth mm	16 x 56 x 62.5	16 x 66 x 50.5
max. current / max. cond. cross-section -/mm²	/ 35	/ 50
Max. clamping range mm²	2.5...35	2.5...50
		
	IEC 60947-7-2 Ex eb II C Gb II 2 G D	IEC 60947-7-2 Ex eb II C Gb II 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	35	AWG 12...2	AWG 12...2	35 mm²
Rated voltage to adjoining terminal V	800			
Rated impulse withstand voltage to adjacent terminal kV	8			
Rated short-time current	4200 A (35 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B8 / V-0			
Approvals				

Rated data	IEC	UL	CSA	EN 60079-7
for wire cross-section mm²	35	AWG 12...2		35 mm²
Rated voltage to adjoining terminal V	400			
Rated impulse withstand voltage to adjacent terminal kV	6			
Rated short-time current	4200 A (35 mm²)			
Pollution severity	3			
Gauge to IEC 60947-1 / UL 94 flammability rating	B8 / V-0			
Approvals				

Clamped conductors (H05V/H07V)	WPE 35	WPE 35N
Solid / Stranded mm²	2.5...50 / 2.5...50	2.5...16 / 2.5...50
Flexible / Flexible with ferrule mm²	2.5...35 / 2.5...35	2.5...35 / 2.5...35
Tightening torque / Clamping screw Nm	4...5 / (M 6)	4...5 / (M 6)
Tightening torque for fixing screw	1.2...2.4 Nm	1.2...2.4 Nm
Stripping length / Blade size mm	18 / 6.5 x 1.2 mm	18 / 6.5 x 1.2 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Green/yellow			
green/yellow	WPE 35	25	1010500000
Note			

Version	Type	Qty.	Order No.
Green/yellow			
green/yellow	WPE 35N	20	1717740000
Note			

Accessories

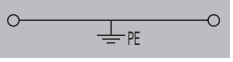
PEN bridge	Type		Qty.	Order No.
	WQB-PEN 35	135 A	10	1060100000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Screwdriver				
Standard	SDS 1.2X6.5X150		1	2749390000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WPE 35/IKSC — 35 mm²

16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm²
800			
8			
4200 A (35 mm²)			
3			
B8 / V-0			

Rated connection
2.5...16 / 2.5...35
2.5...35 / 2.5...35
5/ (M 6)
1.2...2.4 Nm
18 / S4 (DIN 6911)

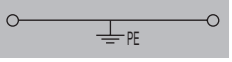
Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WQB-PEN 35 135 A	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WPE 50N — 50 mm²

Compact design

18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm²
1000			
8			
6000 A (50 mm²)			
3			
B10 / V-0			

Rated connection
10...16 / 10...70
10...50
4...6 / (M 6)
3.0...4.0 Nm
24 / S4 (DIN 6911)

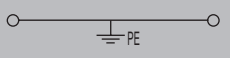
Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQV PEN 50N 150 A	5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

WPE 70N/35 — 70 mm²

Compact design

20.5 x 75 x 85
/ 95
16...95



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

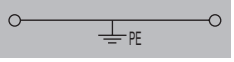
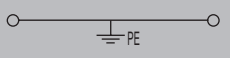
IEC	UL	CSA	EN 60079-7
70	AWG 6...0	AWG 6...0	70 mm²
1000			
8			
8400 A (70 mm²)			
3			
B11 / V-0			

Rated connection
16...16 / 16...95
16...70 / 16...50
8...12 / (M 8)
2.0...4.0 Nm
22 / S6 (DIN 6911)

Type	Qty.	Order No.
WPE 70N/35	10	9512200000

Type	Qty.	Order No.
WQV 70N-PEN 192 A	5	9525840000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Power feed-in
Screw connection

	WPE 95N/120N	95 mm²	WPE 70/95	95 mm²
	Compact design		Conductor can be inserted from above / leaf spring	
Width/Height/Depth mm	27 x 91 x 90		27 x 132 x 107	
max. current / max. cond. cross-section -/mm²	/ 150		/ 120	
Max. clamping range mm²	16...150		13.3...120	
				

Technical data

	WPE 95N/120N				WPE 70/95			
Rated data								
for wire cross-section mm²	IEC 60947-7-2				IEC 60947-7-2			
Rated voltage to adjoining terminal V								
Rated impulse withstand voltage to adjacent terminal kV								
Rated short-time current								
Pollution severity								
Gauge to IEC 60947-1 / UL 94 flammability rating								
Approvals								
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²								
Flexible / Flexible with ferrule mm²								
Tightening torque / Clamping screw Nm								
Tightening torque for fixing screw								
Stripping length / Blade size mm								

WPE 95N/120N				WPE 70/95			
	Ex eb II C Gb		II 2 G D		Ex eb II C Gb		II 2 G D
IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
95	AWG 4...0	AWG 4...0	120 mm²	95	AWG 6...0	AWG 6...0	95 mm²
1000				1000			
8				8			
11400 A (95 mm²)				11400 A (95 mm²)			
3				3			
B13 / V-0				B12 / V-0			
Rated connection				**Rated connection**			
16...16 / 16...150				16...16 / 16...120			
16...120				16...95 / 35...50			
16...20 / (M 10)				6...12 / (M 8)			
3.0...4.0 Nm				3.0...6.0 Nm			
27 / S6 (DIN 6911)				30 / S6 (DIN 6911)			

Note

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
Green/yellow						
green/yellow	WPE 95N/120N	5	1846030000	WPE 70/95	10	1037300000

Note

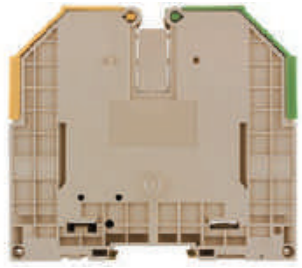
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
PEN bridge	WQV PEN 95N/120N	269 A	5	9201630000	WQV 70/95-PEN	232 A	5	1072300000
End bracket								
dark beige, screwable	WEW 35/1		50	1059000000	WEW 35/1		50	1059000000
dark beige								
Screwdriver								
Standard	SKS 2,0-8,0 MR		1	9008870000	SKS 2,0-8,0 MR		1	9008870000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000	WS 12/6.5 MC NE WS		540	1609920000

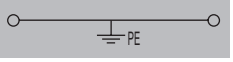
For detailed information on other accessories and application in the online catalogue

WPE 120/150 — 120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117
/ 150
33.62...150



IEC 60947-7-2 — Ex eb II C Gb — II 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	150 mm²
1000			
8			
14400 A (120 mm²)			
3			
B13 / V-0			

Rated connection
/ 35...150
35...150 / 35...50
10...20 / (M 10)
3.0...6.0 Nm
35 / S6 (DIN 6911)

Type	Qty.	Order No.
WPE 120/150	10	**1019700000**

Type		Qty.	Order No.
WQV 120-PEN	292 A	5	**1072400000**
WEW 35/1		50	**1059000000**
SKS 2,0-8,0 MR		1	**9008870000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

Reliable and efficient power supply

Really convenient with Klippon® Connect

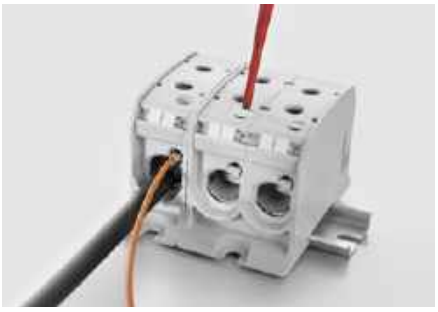
A growing number of industrial applications needs to fit a large amount of technology into a very dense space. Different connection types must thereby be interchangeable, because cost-saving aluminium often replaces copper.

Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option.

Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.

Compact and robust design
Klippon® Connect power feed-in terminal blocks WPD boast a wide range of features, including a compact and robust design.

Uninterrupted monitoring
Small power supply and monitoring connections can be installed without disconnecting any previously connected terminal blocks.



Easy and flexible mounting
The possibility of direct mounting and the compatibility with the 35-mm DIN rail in accordance with EN 60715 and EN 50022 allow fast processing and installation.

Socket wrench sets
Weidmüller offers fitting SK WSD-S Allen keys DIN ISO 2936 L (DIN 911) made from fully hardened high-alloy chromium-vanadium-steel with a high-quality refined surface for the blocks.

W-Series
WPD 130 1X50/1X50

WPD 130	50 mm²

WPD 230	50 mm²

Width / Height / Depth	mm	22 / 45 / 70
max. current / max. conductor	A/mm²	150 / 50
max. clamping range	mm²	2.5...50

Width / Height / Depth	mm	35.6 / 45 / 70
max. current / max. conductor	A/mm²	150 / 50
max. clamping range	mm²	4...50

Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000		880
Rated current	A	150	150		150
for wire cross-section	mm²	50	AWG 12...1/0		50
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Overvoltage category / UL 94 flammability rating			III / V-0		
Approvals					CNEX18ATEX0016U
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	2.5...50 / 2.5...50			
Flexible with ferrule	mm²	2.5...35			
Stripping length / Blade size	mm/-	16 / M10 (SW 5 mm)			
Tightening torque	Nm	see appendix at the end of the chapter			
Note					

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000		880
Rated current	A	150	150		150
for wire cross-section	mm²	50	AWG 12...1/0		50
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Overvoltage category / UL 94 flammability rating			III / V-0		
Approvals					CNEX18ATEX0016U
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	6...50 / 6...50			
Flexible with ferrule	mm²	4...35			
Stripping length / Blade size	mm/-	16 / M10 (SW 5 mm)			
Tightening torque	Nm	see appendix at the end of the chapter			
Note		Imax: 300 A with the connection of 4 x 50 mm²			

Ordering data

Version	Type	Qty.	Order No.
light grey	WPD 130 1X50/1X50 GY	9	2502530000
blue	WPD 130 1X50/1X50 BL	9	2502540000
green	WPD 130 1X50/1X50 GN	9	2502550000
brown	WPD 130 1X50/1X50 BN	9	2502560000
black	WPD 130 1X50/1X50 BK	9	2502570000
brown / black / light grey			
green / light grey / blue			
Note			

Version	Type	Qty.	Order No.
light grey	WPD 230 2X50/2X50 GY	5	2502580000
blue	WPD 230 2X50/2X50 BL	5	2502590000
green	WPD 230 2X50/2X50 GN	5	2502600000
brown	WPD 230 2X50/2X50 BN	5	2502610000
black	WPD 230 2X50/2X50 BK	5	2502950000
Note			

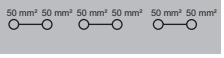
Accessories

Protective cover	Type	Qty.	Order No.
light grey	WPDPC X30 GY	54	2503330000
End bracket			
grey	WEW 35/2 GR 7042	100	1859200000
black	AEB 35 SC/1 BK	50	2475310000
Screwdriver			
SET	SK WSD-S 1,5-10,0	1	9008850000
Identification systems			
	DEK 5/5 MC NE WS	1000	1609801044
	WS 8/5 MM WS	800	2007150000

Protective cover	Type	Qty.	Order No.
light grey	WPDPC X30 GY	54	2503330000
End bracket			
grey	WEW 35/2 GR 7042	100	1859200000
black	AEB 35 SC/1 BK	50	2475310000
Screwdriver			
SET	SK WSD-S 1,5-10,0	1	9008850000
Identification systems			
	DEK 5/5 MC NE WS	1000	1609801044
	WS 8/5 MM WS	800	2007150000

WPD 330 — 50 mm²

56.5 / 45 / 70
150 / 50
4...50



II 2 GD
Ex eb IIC Gb

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
150	150		150
50	AWG 12...1/0		50
	8 kV / 3		
	III / V-0		
			CNEX18ATEX0016U

Rated connection

6...50 / 6...50
4...35
16 / M10 (SW 5 mm)
see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 330 3X50/3X50 3XGY	3	**2502620000**
WPD 330 3X50/3X50 1XBN/1XBK/1XGY	3	**2502650000**
WPD 330 1XGY/1XBL/1XGN	3	**2502640000**

Type	Qty.	Order No.
WPDPC X30 GY	54	**2503330000**
WEW 35/2 GR 7042	100	**1859200000**
AEB 35 SC/1 BK	50	**2475310000**
SK WSD-S 1,5-10,0	1	**9008850000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 8/5 MM WS	800	**2007150000**

WPD 330CC — 50 mm²

51.2 / 45 / 70
150 / 50
4...50

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
150			
50			
	8 kV / 3		
	III / V-0		

CE

Rated connection

6...50 / 6...50
4...35
16 / M10 (SW 5 mm)
see appendix at the end of the chapter
Imax: 450 A with the connection of 6 x 50 mm²

Type	Qty.	Order No.
WPD 330CC 3X50/3X50 GY	3	**2874510000**
WPD 330CC 3X50/3X50 BL	3	**2874520000**
WPD 330CC 3X50/3X50 GN	3	**2874530000**
WPD 330CC 3X50/3X50 BN	3	**2874540000**
WPD 330CC 3X50/3X50 BK	3	**2874550000**

Type	Qty.	Order No.
WPDPC X30 GY	54	**2503330000**
WEW 35/2 GR 7042	100	**1859200000**
AEB 35 SC/1 BK	50	**2475310000**
SK WSD-S 1,5-10,0	1	**9008850000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 8/5 MM WS	800	**2007150000**

Power feed-in
Screw connection

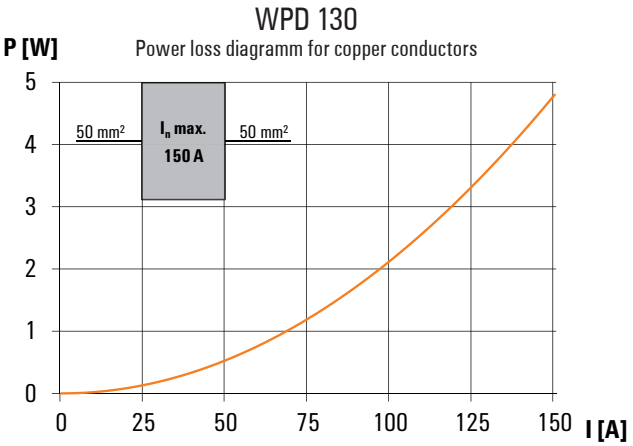
Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

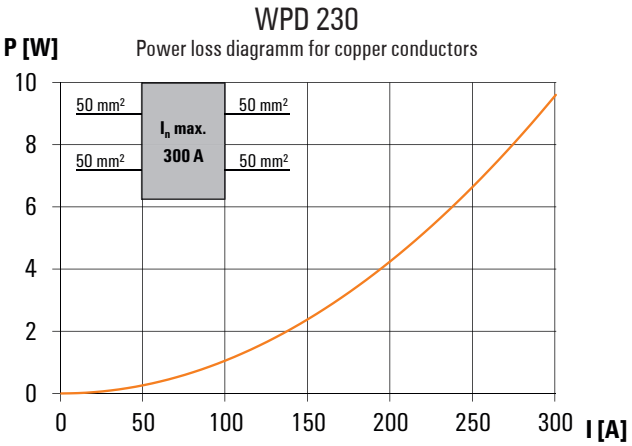
Input (x1) / Output (x1)	Copper		Aluminium	
50 mm²	10 Nm		14 Nm	14 Nm
35 mm²		10 Nm		
25 mm²	8 Nm	8 Nm	12 Nm	10 Nm
16 mm²			10 Nm	
10 mm²	6 Nm	6 Nm		
6 mm²				
4 mm²				
max. current with 2 x 50 mm² (acc. to IEC)	300 A		270 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			

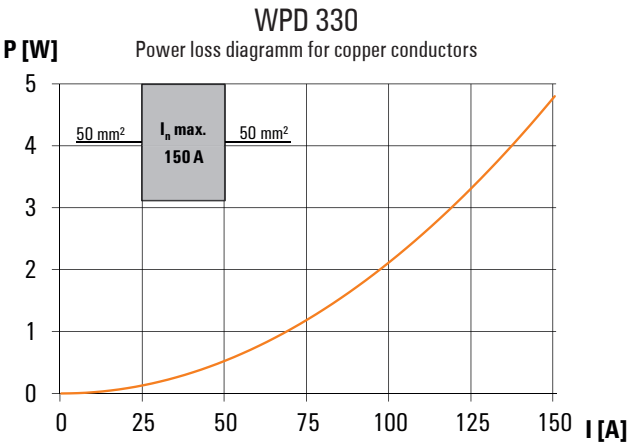
Input (x1) / Output (x1)	Copper		Aluminium	
AWG 1/0	123.9Lb In.		123.9Lb In.	123.9Lb In.
AWG 2		123.9Lb In.		
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current at 1 x 50 mm² (acc. to UL)	150 A		120 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			

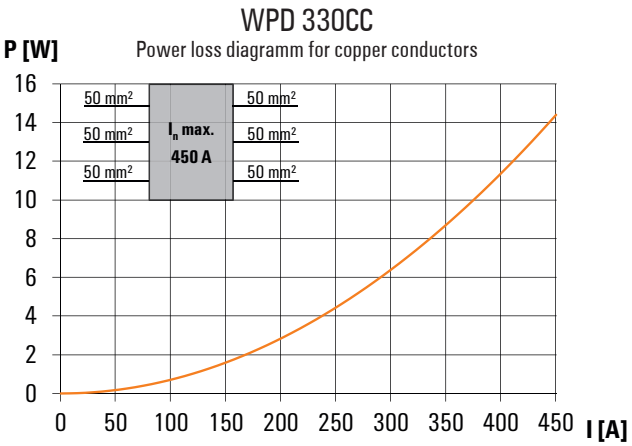
Stranded | Solid | Flexible with ferrule | Sector shaped

Diagrams

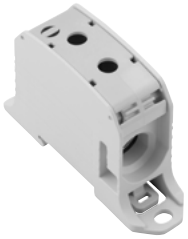
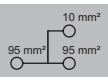
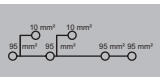








W-Series
WPD 131 1X95/1X95

	WPD 131	95 mm²	WPD 231	95 mm²
				
Width / Height / Depth	28 / 57 / 93		47 / 57 / 93	
max. current / max. conductor	232 / 95		232 / 95	
max. clamping range	10...95		10...95	

Technical data

Rated data			WPD 131	WPD 231
Rated voltage		V	IEC 60947-7-1	IEC 60947-7-1
Rated current		A	II 2 GD Ex eb IIC Gb	II 2 GD Ex eb IIC Gb
for wire cross-section	95 mm²	mm²	IEC: 1000 / UL: 1000 / CSA: / EN 60079-7: 880	IEC: 1000 / UL: 1000 / CSA: / EN 60079-7: 880
	Auxiliary connection 6 mm²	mm²	232 / 200 / / 232	232 / 200 / / 232
Rated impulse withstand voltage / Pollution severity			95 / AWG 8...3/0 / / 95	95 / AWG 8...3/0 / / 95
Overvoltage category / UL 94 flammability rating			6 / AWG 16...8 / / 6	6 / AWG 16...8 / / 6
Approvals			8 kV / 3	8 kV / 3
			III / V-0	III / V-0
			CNEX18ATEX0016U	CNEX18ATEX0016U
Clamped conductors (H05V/H07V)			**Rated connection**	**Rated connection**
Solid / Stranded	95 mm²	mm²	10...95 / 10...95	10...95 / 10...95
	Auxiliary connection 6 mm²	mm²	1.5...10 / 1.5...10	1.5...10 / 1.5...10
Flexible with ferrule	95 mm²	mm²	16...70	16...70
	Auxiliary connection 6 mm²	mm²	1.5...6	1.5...6
Stripping length / Blade size	95 mm²	mm/–	26 / M14 (SW 6)	26 / M14 (SW 6)
	Auxiliary connection 6 mm²	mm/–	10 / M4 (+/- PZ2)	10 / M4 (+/- PZ2)
Tightening torque		Nm	see appendix at the end of the chapter	see appendix at the end of the chapter
Note				Imax: 464 A with the connection of 4 x 95 mm²

Ordering data

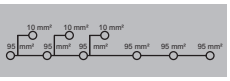
Version	WPD 131 Type	Qty.	Order No.	WPD 231 Type	Qty.	Order No.
light grey	WPD 131 1X95/1X95 GY	2	2503090000	WPD 231 2X95/2X95 GY	1	2502700000
blue	WPD 131 1X95/1X95 BL	2	2502660000	WPD 231 2X95/2X95 BL	1	2502710000
green	WPD 131 1X95/1X95 GN	2	2502670000	WPD 231 2X95/2X95 GN	1	2502720000
brown	WPD 131 1X95/1X95 BN	2	2502680000	WPD 231 2X95/2X95 BN	1	2502730000
black	WPD 131 1X95/1X95 BK	2	2502690000	WPD 231 2X95/2X95 BK	1	2502740000

Accessories

Protective cover	Type	Qty.	Order No.	Type	Qty.	Order No.
light grey	WPDPC X31 GY	20	2503370000	WPDPC X31 GY	20	2503370000
End bracket						
grey	WEW 35/2 GR 7042	100	1859200000	WEW 35/2 GR 7042	100	1859200000
black	AEB 35 SC/1 BK	50	2475310000	AEB 35 SC/1 BK	50	2475310000
Screwdriver						
SET	SK WSD-S 1,5-10,0	1	9008850000	SK WSD-S 1,5-10,0	1	9008850000
Identification systems						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 8/5 MM WS	800	2007150000	WS 8/5 MM WS	800	2007150000

WPD 331CC

95 mm²

66 / 57 / 93	
232 / 95	
10...95	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95			
6			
		8 kV / 3	
		III / V-0	
CE			
Rated connection			
10...95 / 10...95			
1.5...10 / 1.5...10			
16...70			
1.5...6			
26 / M14 (SW 6)			
10 / M4 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 696 A with the connection of 6 x 95 mm²			

Type	Qty.	Order No.
WPD 331CC 3X95/3X95 GY	1	**2874560000**
WPD 331CC 3X95/3X95 BL	1	**2874580000**
WPD 331CC 3X95/3X95 GN	1	**2874600000**
WPD 331CC 3X95/3X95 BN	1	**2874590000**
WPD 331CC 3X95/3X95 BK	1	**2874570000**

Type	Qty.	Order No.
WPDPC X31 GY	20	**2503370000**
WEW 35/2 GR 7042	100	**1859200000**
AEB 35 SC/1 BK	50	**2475310000**
SK WSD-S 1,5-10,0	1	**9008850000**
DEK 5/5 MC NE WS	1000	**1609801044**
WS 8/5 MM WS	800	**2007150000**

Power feed-in
Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper		Aluminium	
95 mm²	19 Nm		22,6 Nm	22,6 Nm
70 mm²		19 Nm		
50 mm²				
35 mm²				
25 mm²	14 Nm	14 Nm		
16 mm²				
10 mm²				
max. current with 2 x 95 mm² (acc. to IEC)	464 A		200 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Input (x1) / Output (x1)	Copper		Aluminium	
AWG 3/0	200Lb In.		200Lb In.	123.9Lb In.
AWG 2/0		200Lb In.		
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current at 1 x 95 mm² (acc. to UL)	200 A		155 A	
Stripping lengths	26 mm			
Allen screw	M14 (SW 6 mm)			

Auxiliary connection

	Copper	
10 mm²	1,2 Nm	
6 mm²		1,2 Nm
4 mm²		
2.5 mm²		
1.5 mm²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

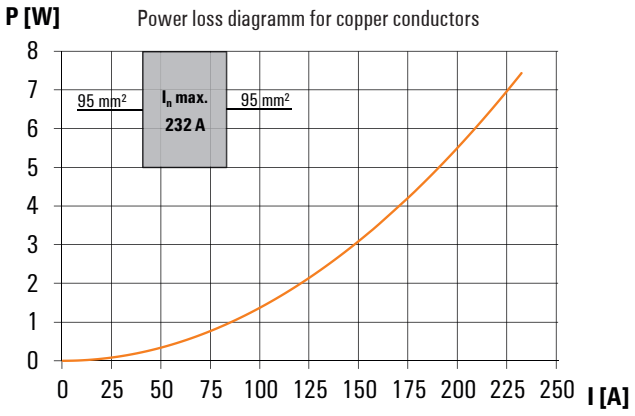
	Copper	
AWG 8	20.3Lb In.	
AWG 10		20.3Lb In.
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

Stranded | Solid | Flexible with ferrule | Sector shaped

Diagrams

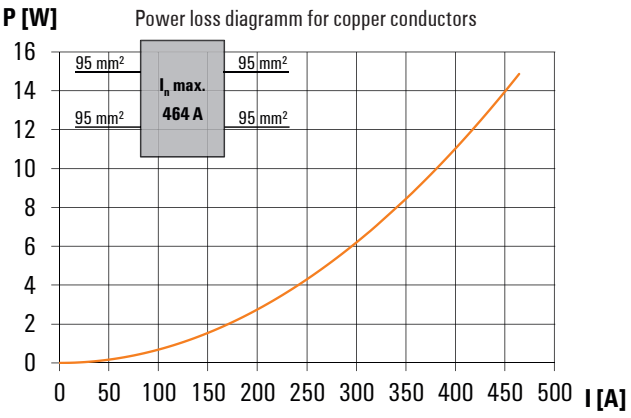
WPD 131

Power loss diagramm for copper conductors



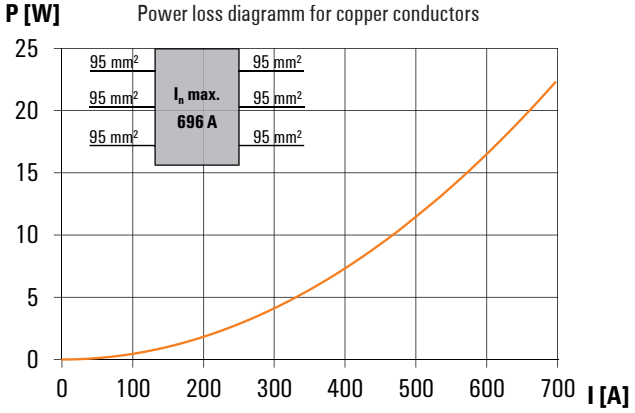
WPD 231

Power loss diagramm for copper conductors



WPD 331CC

Power loss diagramm for copper conductors



W-Series
WPD 132 1X185/1X185

	WPD 132	185 mm²	WPD 232	185 mm²
Width / Height / Depth	37,5 / 73.5 / 105		67,6 / 73.5 / 105	
max. current / max. conductor	353 / 185		353 / 185	
max. clamping range	25...185		25...185	

Technical data

	WPD 132	185 mm²	WPD 232	185 mm²
Rated data				
Rated voltage	IEC 60947-7-1	V	IEC 60947-7-1	V
Rated current		A		A
for wire cross-section	185 mm²	mm²	185 mm²	mm²
	Auxiliary connection 6 mm²	mm²	Auxiliary connection 6 mm²	mm²
Rated impulse withstand voltage / Pollution severity				
Overvoltage category / UL 94 flammability rating				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded	185 mm²	mm²	185 mm²	mm²
	Auxiliary connection 6 mm²	mm²	Auxiliary connection 6 mm²	mm²
Flexible with ferrule	185 mm²	mm²	185 mm²	mm²
	Auxiliary connection 6 mm²	mm²	Auxiliary connection 6 mm²	mm²
Stripping length / Blade size	185 mm²	mm/–	185 mm²	mm/–
	Auxiliary connection 6 mm²	mm/–	Auxiliary connection 6 mm²	mm/–
Tightening torque		Nm		Nm
Note				

	WPD 132	WPD 232
IEC	1000	1000
UL	1000	1000
CSA	310	310
EN 60079-7	AWG 4...kcmil 350	AWG 4...kcmil 350
	1100	1100
	353	353
	185	185
	AWG 16...8	AWG 16...8
	6	6
	8 kV / 3	8 kV / 3
	III / V-0	III / V-0
	CNEX18ATEX0016U	CNEX18ATEX0016U
Rated connection		
	95...185 / 95...185	95...185 / 95...185
	1.5...10 / 1.5...10	1.5...10 / 1.5...10
	25...150	25...150
	1.5...6	1.5...6
	29 / M18 (SW 10)	29 / M18 (SW 10)
	10 / M4 (+/- PZ2)	10 / M4 (+/- PZ2)
	see appendix at the end of the chapter	see appendix at the end of the chapter
		Imax: 706 A with the connection of 4 x 185 mm²

II 2 GD
Ex eb IIC Gb

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
light grey	WPD 132 1X185/1X185 GY	1	2502750000	WPD 232 2X185/2X185 GY	1	2502800000
blue	WPD 132 1X185/1X185 BL	1	2502760000	WPD 232 2X185/2X185 BL	1	2502810000
green	WPD 132 1X185/1X185 GN	1	2502770000	WPD 232 2X185/2X185 GN	1	2502820000
brown	WPD 132 1X185/1X185 BN	1	2502780000	WPD 232 2X185/2X185 BN	1	2502830000
black	WPD 132 1X185/1X185 BK	1	2502790000	WPD 232 2X185/2X185 BK	1	2502840000
Note						

Accessories

Protective cover	Type	Qty.	Order No.	Type	Qty.	Order No.
light grey	WPDPC X32 GY	12	2503380000	WPDPC X32 GY	12	2503380000
End bracket						
grey	WEW 35/2 GR 7042	100	1859200000	WEW 35/2 GR 7042	100	1859200000
black	AEB 35 SC/1 BK	50	2475310000	AEB 35 SC/1 BK	50	2475310000
Screwdriver						
SET	SK WSD-S 1,5-10,0	1	9008850000	SK WSD-S 1,5-10,0	1	9008850000
Identification systems						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 8/5 MM WS	800	2007150000	WS 8/5 MM WS	800	2007150000

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper			Aluminium	
185 mm²	25 Nm			30,9 Nm	30,9 Nm
150 mm²		25 Nm			
120 mm²					
95 mm²					
70 mm²		20 Nm			
50 mm²					
35 mm²					
25 mm²					
Flat band 10x15,5x0,8 mm			30,9 Nm		
max. current with 2 x 185 mm² (acc. to IEC)	706 A			284 A	
Stripping lengths	29 mm				
Allen screw	M18 (SW 10 mm)				

Input (x1) / Output (x1)	Copper		Aluminium	
350 kcmil	250Lb In.		398Lb In.	398Lb In.
300 kcmil		250Lb In.		
250 kcmil				
AWG 3/0				
AWG 2/0		200Lb In.		
AWG 1/0				
AWG 2				
AWG 4				
max. current with 1 x 185 mm² (acc. to UL)	310 A		250 A	
Stripping lengths	29 mm			
Allen screw	M18 (SW 10 mm)			

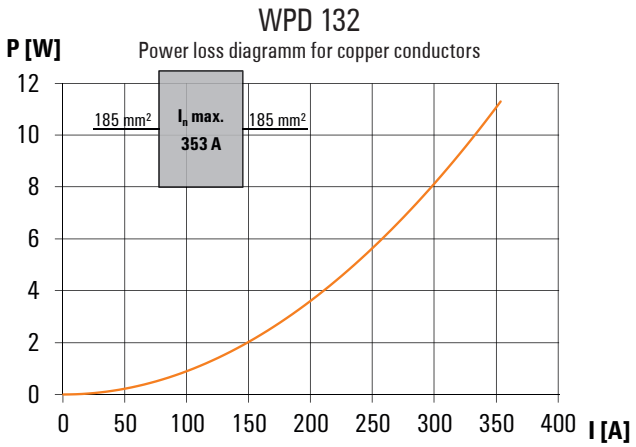
Auxiliary connection

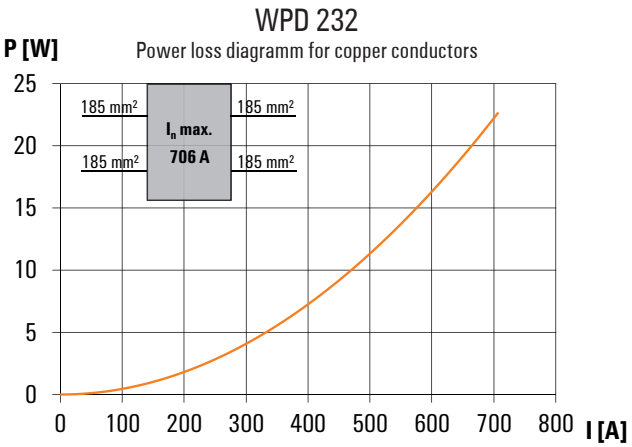
	Copper	
10 mm²	1,2 Nm	
6 mm²		1,2 Nm
4 mm²		
2.5 mm²		
1.5 mm²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

	Copper	
AWG 8	20.3Lb In.	
AWG 10		20.3Lb In.
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

Stranded | Solid | Flexible with ferrule | Sector shaped | Flat band

Diagrams





W-Series
WPD 133 1X300/1X300

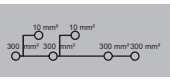
WPD 133	300 mm²

WPD 233	300 mm²

Width / Height / Depth		**mm**
max. current / max. conductor		**A/mm²**
max. clamping range		**mm²**

45 / 83.5 / 118	
520 / 300	
35...300	

82.6 / 83.5 / 118	
520 / 300	
35...300	



Technical data

			WPD 133	WPD 233
Rated data				
Rated voltage		V	IEC 60947-7-1	IEC 60947-7-1
Rated current		A	II 2 GD Ex eb IIC Gb	II 2 GD Ex eb IIC Gb
for wire cross-section	300 mm²	mm²	IEC: 1000 / UL: 1000 / CSA: – / EN 60079-7: 1100	IEC: 1000 / UL: 1000 / CSA: – / EN 60079-7: 1100
	Auxiliary connection 6 mm²	mm²	520 / 420 / – / 340	520 / 420 / – / 340
			300 / AWG 2...kcmil 600 / – / 300	300 / AWG 2...kcmil 600 / – / 300
			6 / AWG 16...8 / – / 6	6 / AWG 16...8 / – / 6
Rated impulse withstand voltage / Pollution severity			8 kV / 3	8 kV / 3
Overvoltage category / UL 94 flammability rating			III / V-0	III / V-0
Approvals			CNEX18ATEX0016U	CNEX18ATEX0016U
Clamped conductors (H05V/H07V)			**Rated connection**	**Rated connection**
Solid / Stranded	300 mm²	mm²	150...300 / 150...300	150...300 / 150...300
	Auxiliary connection 6 mm²	mm²	1.5...10 / 1.5...10	1.5...10 / 1.5...10
Flexible with ferrule	300 mm²	mm²	35...240	35...240
	Auxiliary connection 6 mm²	mm²	1.5...6	1.5...6
Stripping length / Blade size	300 mm²	mm/–	34 / M24 (SW 12)	34 / M24 (SW 12)
	Auxiliary connection 6 mm²	mm/–	10 / M4 (+/- PZ2)	10 / M4 (+/- PZ2)
Tightening torque		Nm	see appendix at the end of the chapter	see appendix at the end of the chapter
Note				Imax: 1040 A with the connection of 4 x 300 mm²

Ordering data

Version	WPD 133			WPD 233		
	Type	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
light grey	WPD 133 1X300/1X300 GY	1	**2502850000**	WPD 233 2X300/2X300 GY	1	**2502900000**
blue	WPD 133 1X300/1X300 BL	1	**2502860000**	WPD 233 2X300/2X300 BL	1	**2502910000**
green	WPD 133 1X300/1X300 GN	1	**2502870000**	WPD 233 2X300/2X300 GN	1	**2502920000**
brown	WPD 133 1X300/1X300 BN	1	**2502880000**	WPD 233 2X300/2X300 BN	1	**2502930000**
black	WPD 133 1X300/1X300 BK	1	**2502890000**	WPD 233 2X300/2X300 BK	1	**2502940000**
Note						

Accessories

	WPD 133			WPD 233		
Protective cover	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
light grey	WPDPC X33 GY	8	**2503390000**	WPDPC X33 GY	8	**2503390000**
End bracket						
grey	WEW 35/2 GR 7042	100	**1859200000**	WEW 35/2 GR 7042	100	**1859200000**
black	AEB 35 SC/1 BK	50	**2475310000**	AEB 35 SC/1 BK	50	**2475310000**
Screwdriver						
SET	SK WSD-S 1,5-10,0	1	**9008850000**	SK WSD-S 1,5-10,0	1	**9008850000**
Identification systems						
	DEK 5/5 MC NE WS	1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 8/5 MM WS	800	**2007150000**	WS 8/5 MM WS	800	**2007150000**

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Al+Cu)

Input (x1) / Output (x1)	Copper			Aluminium	
300 mm²	45 Nm			65 Nm	65 Nm
240 mm²		45 Nm			
185 mm²					
150 mm²					
120 mm²					
95 mm²		30 Nm			
70 mm²					
50 mm²					
35 mm²					
Flat band 10x20x1 mm			65 Nm		
Max. current with 2 x 300 mm² (acc. to IEC)	1040 A			340 A	
Stripping lengths	34 mm				
Allen screw	M24 (SW 12 mm)				

Input (x1) / Output (x1)	Copper		Aluminium	
600 kcmil	300Lb In.		575Lb In.	575Lb In.
500 kcmil		300Lb In.		
350 kcmil				
300 kcmil				
250 kcmil				
AWG 3/0		200Lb In.		
AWG 2/0				
AWG 1				
AWG 2				
Max. current at 1 x 300 mm² (acc. to UL)	420 A		340 A	
Stripping lengths	34 mm			
Allen screw	M24 (SW 12 mm)			

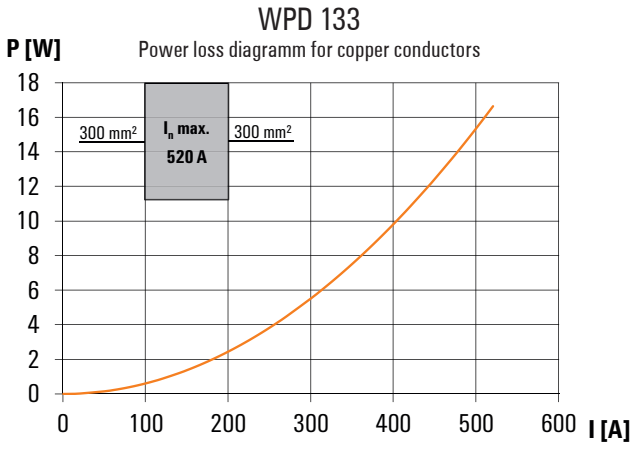
Auxiliary connection

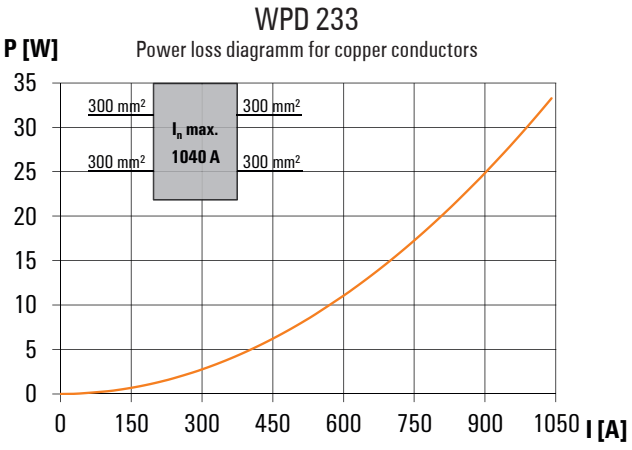
	Copper	
10 mm²	1,2 Nm	1,2 Nm
6 mm²		
4 mm²		
2.5 mm²		
1.5 mm²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

	Copper	
AWG 8	20.3Lb In.	20.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

Stranded · Solid · Flexible with ferrule · Sector shaped · Flat band

Drawings





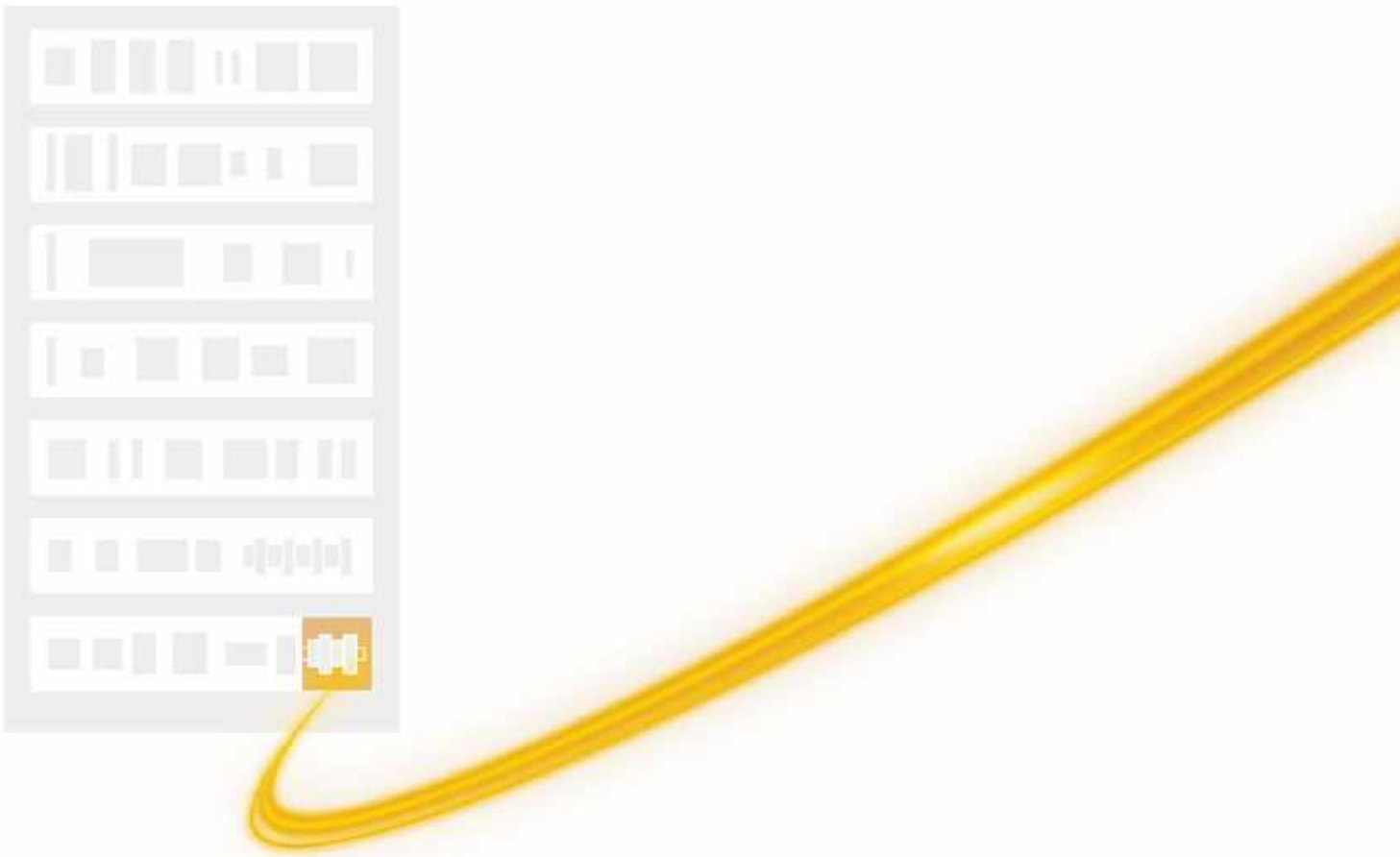
The secure and efficient way of distributing power

Klippon® Connect provides the required flexibility

Safe power supply to equipment such as motors is decisive for the availability of plants and machines. The use of increasingly large wire cross-sections and restricted space in the panel is increasing the demands on terminal blocks and distribution blocks and posing new challenges for panel planners. Our comprehensive product range for power distribution ensures excellent flexibility, even in the planning stages. The variety of possible combinations gives you just what you need for all power distribution requirements and enables compact panel design.

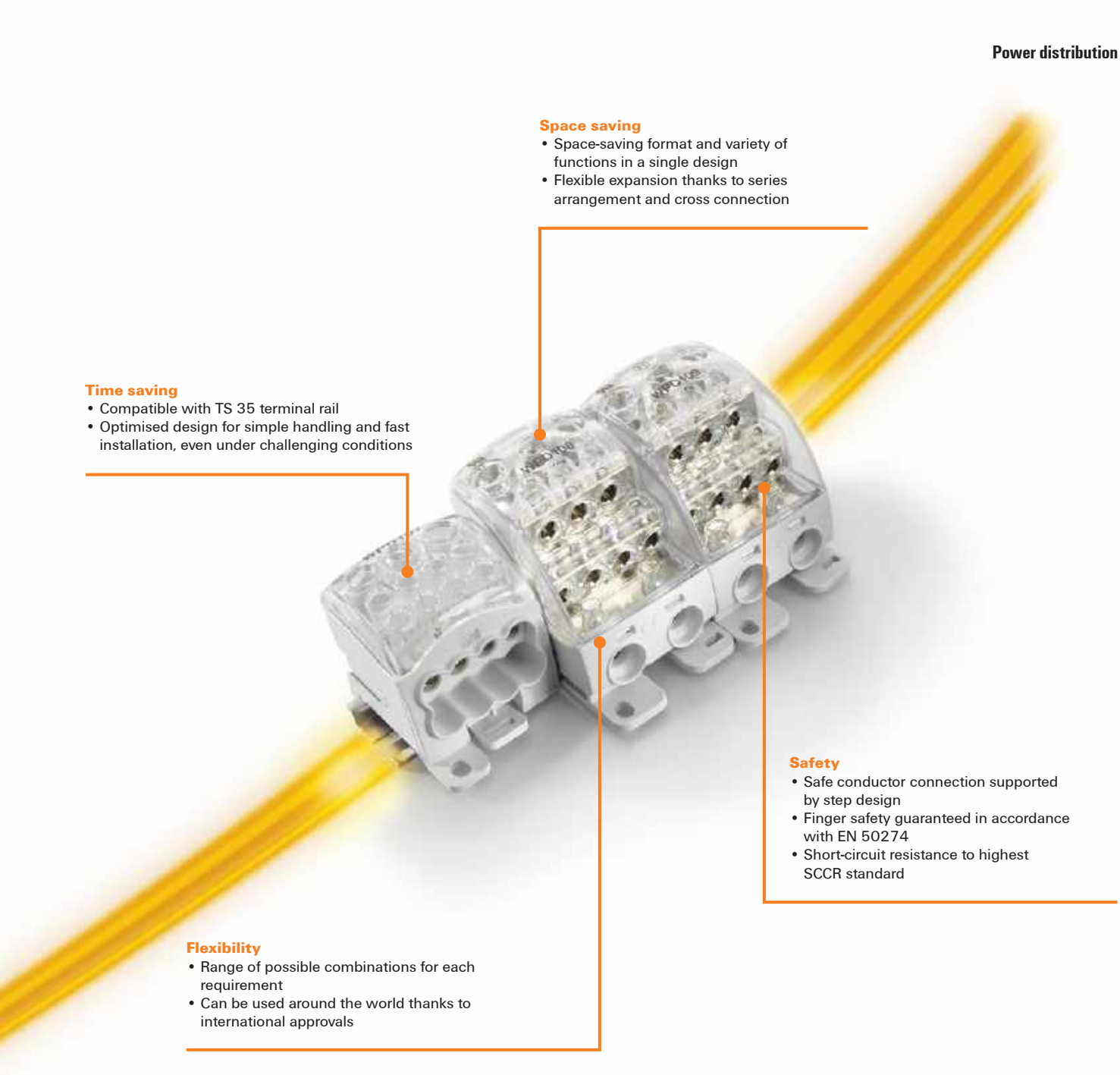
Our promise

Rapid installation and flexible combination options with Klippon® Connect, for simple, space-saving installation and increased productivity in the construction of switchgear and panel. This makes the design of your power distribution system noticeably more efficient.



Space saving
- Space-saving format and variety of functions in a single design
- Flexible expansion thanks to series arrangement and cross connection

Time saving
- Compatible with TS 35 terminal rail
- Optimised design for simple handling and fast installation, even under challenging conditions



Safety
- Safe conductor connection supported by step design
- Finger safety guaranteed in accordance with EN 50274
- Short-circuit resistance to highest SCCR standard

Flexibility
- Range of possible combinations for each requirement
- Can be used around the world thanks to international approvals

Our range

More space, more options – even for aluminium wires:
The slim design of our WPD X01–X03 main line branch terminals saves a great deal of space. With certification for aluminium conductors according to IEC 61238 “Class A” and a permissible voltage of 1,000 V DC, they meet all the requirements of complex applications.

All-rounder for a better overview:
Our WPD X00 & X04-X09 distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables rapid, efficient implementation of space-saving power distribution.

AWPD 35 4X6/6X2.5 — 35 mm²

AWPD 35 4X10 — 35 mm²

Width / Height / Depth	mm	16.2 x 125 x 50			16.2 x 95 x 60	
		Screw 35 mm²	PUSH IN 35 mm²	PUSH IN 6 mm²	Screw 35 mm²	PUSH IN 10 mm²
max. current / max. conductor	A /mm²	105 / 35	24 / 2.5	41 / 6	105 / 35	50 / 10
max. clamping range	mm²	1.5...35	0.14...2.5	0.5...6	1.5...35	1...10

Technical data

			IEC 60947-1			IEC 60947-1	
			IEC	UL	CSA	IEC	UL	CSA
Rated voltage	Screw 35 mm²	V	1000	600		1000	600	
	PUSH IN 2.5 mm²	V	1000	600				
	PUSH IN 6 mm²	V	1000	600				
	PUSH IN 10 mm²	V				1000	600	
Rated current	Screw 35 mm²	A	110	105		110	105	
	PUSH IN 2.5 mm²	A	24	40				
	PUSH IN 6 mm²	A	41	20				
	PUSH IN 10 mm²	A				57	50	
for wire cross-section	Screw 35 mm²	mm²	35	AWG 14...2		35	AWG 14...2	
	PUSH IN 2.5 mm²	mm²	2.5	AWG 20...8				
	PUSH IN 6 mm²	mm²	6	AWG 22...12				
	PUSH IN 10 mm²	mm²				10	AWG 20...6	
			Screw 35 mm²	PUSH IN 2.5 mm²	PUSH IN 6 mm²	Screw 35 mm²	PUSH IN 10 mm²	
Rated impulse withstand voltage / Pollution severity			8kV / 3	8kV / 3	8kV / 3	8kV / 3	8kV / 3	
Gauge to IEC 60947-1			B9	A3	A5	B9	A6	
UL 94 flammability rating			V-0	V-0	V-0	V-0	V-0	
Approvals			CE cULus			CE cULus		
Clamped conductors (H05V/H07V)			Screw 35 mm²	PUSH IN 2.5 mm²	PUSH IN 6 mm²	Screw 35 mm²	PUSH IN 10 mm²	
Solid / Stranded		mm²	1.5...35 / 1.5...35	0.5...4 / 0.14...2.5	0.5...10 / 0.5...6	1.5...35 / 1.5...35	1...10 / 1...10	
flexible / flexible with ferrule		mm²	1.5...35 / 1.5...35	0.5...2.5 / 0.5...2.5	0.5...6 / 0.5...6	1.5...35 / 1.5...35	1...10 / 1...10	
Stripping length / Blade size		mm / mm	17 / 1 x 5.5	10 / 0.6 x 3.5	12 / 1 x 5.5	17 / 1 x 5.5	18 / 1 x 5.5	
Tightening torque		Nm	2.5			2.5		

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	AWPD 35 4X6/6X2.5	20	2728620000	AWPD 35 4X10	20	2728630000
	blue	AWPD 35 4X6/6X2.5 BL	20	2860560000	AWPD 35 4X10 BL	20	2860570000

Accessories

Pluggable cross-connection		Type	Rated current	Qty.	Order No.	Type	Rated current	Qty.	Order No.
for 1.5 mm²	2-pole	ZQV 1.5N/2	17.5 A	60	1985410000	ZQV 1.5N/2	17.5 A	60	1985410000
	10-pole	ZQV 1.5N/10	17.5 A	20	1985580000	ZQV 1.5N/10	17.5 A	20	1985580000
for 2.5 mm²	2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
	10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
for 6 mm²	2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
	10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
for 6 mm²	2-pole	ZQV 6N/2	41 A	60	1985740000	ZQV 6N/2	41 A	60	1985740000
	10-pole	ZQV 6N/10	41 A	20	1985780000	ZQV 6N/10	41 A	20	1985780000
End bracket									
	dark beige	AEB 35 SCL/1 VO		50	2661280000	AEB 35 SCL/1 VO		50	2661280000
Test adapter									
	1-pole	ATPG 1.5-10 L		50	1991890000	ATPG 1.5-10 L		50	1991890000
	1-pole	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver									
for 2.5 mm² PUSH IN	Standard	SDIS 0.6X3.5X100		1	2749810000	SDIS 0.6X3.5X100		1	2749810000
for 6 mm² PUSH IN	Standard	SDIS 1.0X5.5X125		1	2749850000	SDIS 1.0X5.5X125		1	2749850000
for 10 mm² PUSH IN	Standard	SDIS 1.0X5.5X125		1	2749850000	SDIS 1.0X5.5X125		1	2749850000
for 35 mm² Schraube	Standard	SDIS 1.0X5.5X125		1	2749850000	SDIS 1.0X5.5X125		1	2749850000
Identification systems									
		DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
		DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000
		DEK 8/5 MM WS		800	2007150000	DEK 8/5 MM WS		800	2007150000
		WS-A 8/16 MM WS		200	2619910000	WS-A 8/16 MM WS		200	2619910000

For detailed information on other accessories and application in the online catalogue

AWPD potential distribution terminal block

The potential distribution terminal block AWPD 35 can be fed by wires of crosssection 1.5 – 35 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller crosssection. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.

Integrated into separation plate

Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X10	ZQV 6N	35 mm²	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm²	82 A

Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X10	ZQV 6N	35 mm²	41 A	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm²	41 A	82 A

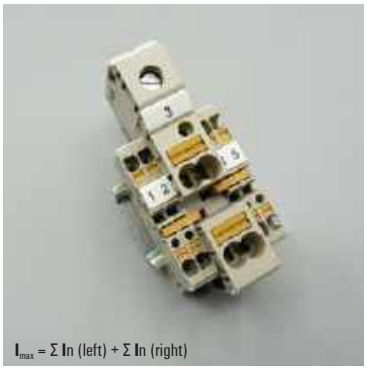
Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A2C 4	ZQV 4N	35 mm²	76 A	76 A
A3C 4	ZQV 4N	35 mm²	76 A	76 A
A4C 4	ZQV 4N	35 mm²	76 A	76 A
A2C 6	ZQV 6N	35 mm²	76 A	82 A
A3C 6	ZQV 6N	35 mm²	76 A	82 A

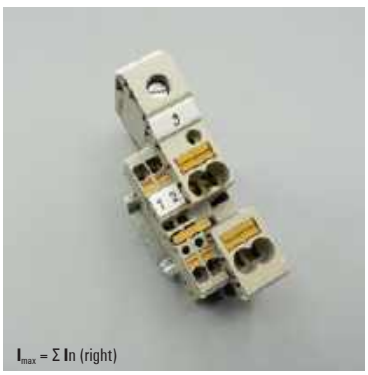
Maximum current flow I_{max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm²	68 A	76 A
A2C 4	ZQV 4N	35 mm²	76 A	76 A
A3C 4	ZQV 4N	35 mm²	76 A	76 A
A4C 4	ZQV 4N	35 mm²	76 A	76 A
A2C 6	ZQV 6N	35 mm²	76 A	82 A
A3C 6	ZQV 6N	35 mm²	76 A	82 A

I_{max} = Σ In (left)



I_{max} = Σ In (left) + Σ In (right)



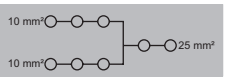
I_{max} = Σ In (right)

W-Series
WPD 100 2X25/6X10

WPD 100 | 25 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

30.2 / 49 / 55.4	
101 / 25	
1.5...25	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm²	mm²
	10 mm²	mm²
Flexible with ferrule	25 mm²	mm²
	10 mm²	mm²
Stripping length / Blade size	25 mm²	mm/–
	10 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
101			
25			
		8 kV / 3	
		III / V-0	
Rated connection			
2.5...25 / 2.5...25			
1.5...10 / 1.5...10			
1.5...16			
1.5...6			
17 / M6 (+/- PZ2)			
9 / M5 (+/- PZ2)			
see appendix at the end of the chapter			

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 100 2X25/6X10 GY	3	1561910000
WPD 100 2X25/6X10 BI	3	1561920000
WPD 100 2X25/6X10 GN	3	1561930000
WPD 100 2X25/6X10 BN	3	2814500000
WPD 100 2X25/6X10 BK	3	2814490000

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

OInput (x2)	Copper		Aluminium
2x25 mm²			
25 mm²	3 Nm		4 Nm
16 mm²		3 Nm	
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	17 mm		
screw	M6 (+/- PZ2)		

Output (x6)	Copper		Aluminium
6x10 mm²			
10 mm²	2 Nm		3 Nm
6 mm²		2 Nm	
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	9 mm		
screw	M5 (+/- PZ2)		

Stranded

Solid

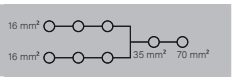
Flexible with ferrule

W-Series
WPD 110 1X70+1X35/6X16

WPD 110 — 70 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

38.5 / 63 / 69.5	
192 / 70	
1.5...70	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm²	mm²
	35 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	70 mm²	mm²
	35 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	70 mm²	mm/–
	35 mm²	mm/–
	16 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
200			
70			
		8 kV / 3	
		III / V-0	
CE			
Rated connection			
10...70 / 4...35			
4...35 / 4...35			
1.5...16 / 1.5...16			
6...50			
2.5...25			
1.5...10			
27 / M10			
26 / M8			
13 / M6			
see appendix at the end of the chapter			

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 110 1X70+1X35/6X16 GY	3	2603810000
WPD 110 1X70+1X35/6X16 BL	3	2603820000
WPD 110 1X70+1X35/6X16 GN	3	2603830000
WPD 110 1X70+1X35/6X16 BN	3	2814520000
WPD 110 1X70+1X35/6X16 BK	3	2814510000

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Input	Copper		Aluminium
1x 70 mm²			
70 mm²	10 Nm		12 Nm
50 mm²		10 Nm	
35 mm²			
25 mm²			
16 mm²			
10 mm²			
6 mm²			
Stripping lengths	27 mm		
Screw	M10 (+/- PZ2)		

Input	Copper		Aluminium
1x 35 mm²			
35 mm²	6 Nm		
25 mm²		6 Nm	
16 mm²			
10 mm²			
6 mm²			
4 mm²			
2,5 mm²			
Stripping lengths	26 mm		
Screw	M8 (+/- PZ2)		

Output	Copper		Aluminium
6x 16 mm²			
16 mm²	3 Nm		10 Nm
10 mm²		3 Nm	
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	13 mm		
Screw	M6 (+/- PZ2)		

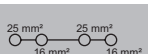
Stranded

Solid

Flexible with ferrule

W-Series
WPD 101 2X25/2X16

	WPD 101	25 mm²	WPD 301	25 mm²
Width / Height / Depth	**17.8 / 49.3 / 55.7**		**53 / 49.3 / 55.7**	
max. current / max. conductor	**101 / 25**		**101 / 25**	
max. clamping range	**1.5...25**		**1.5...25**	



Technical data

Rated data			IEC 60947-7-1				IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000	600			1000			
Rated current		A	152	90			152			
for wire cross-section	25 mm²	mm²	25	AWG 16...4			25			
Rated impulse withstand voltage / Pollution severity				8 kV / 3				8 kV / 3		
Overvoltage category / UL 94 flammability rating				III / V-0				III / V-0		
Approvals			CE EAC cULus UL				CE EAC			
Clamped conductors (H05V/H07V)			**Rated connection**				**Rated connection**			
Solid / Stranded	25 mm²	mm²	2.5...25 / 2.5...25				2.5...25 / 2.5...25			
	16 mm²	mm²	1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible with ferrule	25 mm²	mm²	1.5...16				1.5...16			
	16 mm²	mm²	1.5...10				1.5...10			
Stripping length / Blade size	25 mm²	mm/–	19 / M6 (+/- PZ2)				19 / M6 (+/- PZ2)			
	16 mm²	mm/–	19 / M6 (+/- PZ2)				19 / M6 (+/- PZ2)			
Tightening torque		Nm	see appendix at the end of the chapter				see appendix at the end of the chapter			
Note			Imax: 164 A with the connection of 4 x 16 mm²				Imax: 164 A with the connection of 4 x 16 mm²			

Ordering data

Version		Type	Qty.	Order No.	Type	Qty.	Order No.
light grey		WPD 101 2X25/2X16 GY	5	**1560730000**	WPD 301 2X25/2X16 3XGY	2	**1561130000**
blue		WPD 101 2X25/2X16 BL	5	**1560670000**			
green		WPD 101 2X25/2X16 GN	5	**1560650000**			
brown		WPD 101 2X25/2X16 BN	5	**1561120000**			
black		WPD 101 2X25/2X16 BK	5	**1561100000**			
3x light grey / blue							
green / 3x light grey / blue							
Note							

Accessories

End bracket		Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige		WEW 35/2	100	**1061200000**	WEW 35/2	100	**1061200000**
dark beige		AEB 35 SC/1	50	**1991920000**	AEB 35 SC/1	50	**1991920000**
Screwdriver							
		SDK PZ2 X 100	1	**2749450000**	SDK PZ2 X 100	1	**2749450000**

WPD 401 — 25 mm²

71.6 / 49.3 / 55.7
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
152			
25			
	8 kV / 3		
	III / V-0		
CE			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 164 A with the connection of 4 x 16 mm²			

Type	Qty.	Order No.
WPD 401 2X25/2X16 4XGY	1	**1561800000**
WPD 401 2X25/2X16 3XGY/1XBL	1	**1562130000**

Type	Qty.	Order No.
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**

WPD 501 — 25 mm²

88.8 / 49.3 / 55.7
101 / 25
1.5...25

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
152			
25			
	8 kV / 3		
	III / V-0		
CE			
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 164 A with the connection of 4 x 16 mm²			

Type	Qty.	Order No.
WPD 501 2X25/2X16 5XGY	1	**1561750000**
WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1	**1562140000**

Type	Qty.	Order No.
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**

W-Series
WPD 201 2X25/2X16

WPD 201	25 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

34.2 / 49.3 / 52	
152 / 25	
1.5...25	

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	25 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	25 mm²	mm/–
	16 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
101			
25			
		8 kV / 3	
		III / V-0	
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...16			
1.5...10			
19 / M6 (+/- PZ2)			
19 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 328 A with the connection of 8 x 16 mm²			

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 201 4X25/4X16 GY	1	2731220000
WPD 201 4X25/4X16 BL	1	2731230000
WPD 201 4X25/4X16 GN	1	2731240000
WPD 201 4X25/4X16 BN	1	2731250000
WPD 201 4X25/4X16 BK	1	2731260000

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

OInput (x2) / Output (x2)	Copper		Aluminium
2x25 mm² (round conductor)			
25 mm²	3,5 Nm		4 Nm
16 mm²		3,5 Nm	
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		

OInput (x2) / Output (x2)	Copper		Aluminium
2x16 mm² (round conductor)			
25 mm²	2,5 Nm		
16 mm²			4 Nm
10 mm²		2,5 Nm	
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	19 mm		
screw	M6 (+/- PZ2)		

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

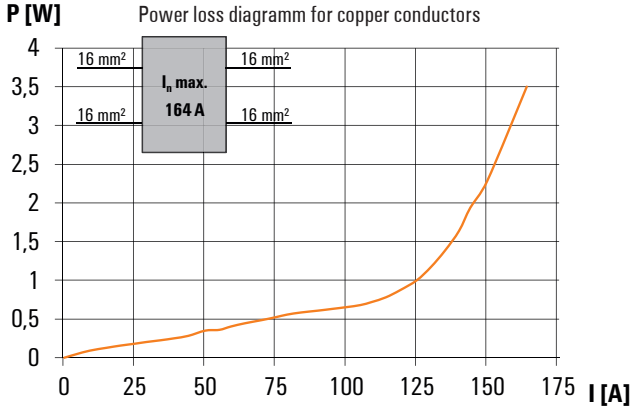
Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	22.1 Lb In		35 Lb In			
AWG 6		22.1 Lb In		22.1 Lb In	22.1 Lb In	35 Lb In
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	90 A	90 A	65 A	65 A	50 A	50 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158 ng data

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	2.5 Nm		4 Nm			
AWG 6		2.5 Nm		2.1 Nm	2.1 Nm	4 Nm
AWG 8						
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	90 A	90 A	65 A	65 A	50 A	50 A
Voltage size B,C (UR)	600 V					

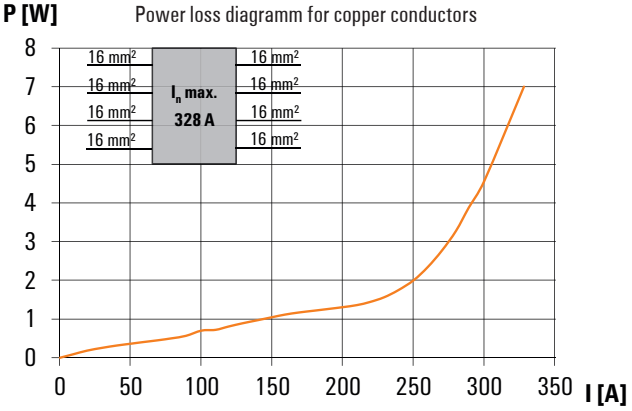
WPD x01

Power loss diagramm for copper conductors



WPD 201

Power loss diagramm for copper conductors



W-Series
WPD 102 2X35/2X25

	WPD 102	WPD 302
	35 mm²	35 mm²
Width / Height / Depth	22.2 / 49.3 / 55.7	66.6 / 49.3 / 55.7
max. current / max. conductor	125 / 35	125 / 35
max. clamping range	2.5...35	2.5...35

Technical data

Rated data			IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000	600		
Rated current		A	202	115		
for wire cross-section	35 mm²	mm²	35	AWG 16...2		
Rated impulse withstand voltage / Pollution severity				8 kV / 3		
Overvoltage category / UL 94 flammability rating				III / V-0		
Approvals						
Clamped conductors (H05V/H07V)			**Rated connection**			
Solid / Stranded	35 mm²	mm²	4...35 / 4...35			
	25 mm²	mm²	2.5...25 / 2.5...25			
Flexible with ferrule	35 mm²	mm²	2.5...25			
	25 mm²	mm²	2.5...16			
Stripping length / Blade size	35 mm²	mm/–	22 / M6 (+/- PZ2)			
	25 mm²	mm/–	18 / M6 (+/- PZ2)			
Tightening torque		Nm	see appendix at the end of the chapter			
Note			Imax: 214 A with the connection of 4 x 25 mm²			

Rated data			IEC 60947-7-1			
			IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000			
Rated current		A	202			
for wire cross-section	35 mm²	mm²	35			
Rated impulse withstand voltage / Pollution severity					8 kV / 3	
Overvoltage category / UL 94 flammability rating					III / V-0	
Approvals						
Clamped conductors (H05V/H07V)			**Rated connection**			
Solid / Stranded	35 mm²	mm²	4...35 / 4...35			
	25 mm²	mm²	2.5...25 / 2.5...25			
Flexible with ferrule	35 mm²	mm²	2.5...25			
	25 mm²	mm²	2.5...16			
Stripping length / Blade size	35 mm²	mm/–	22 / M6 (+/- PZ2)			
	25 mm²	mm/–	18 / M6 (+/- PZ2)			
Tightening torque		Nm	see appendix at the end of the chapter			
Note			Imax: 214 A with the connection of 4 x 25 mm²			

Ordering data

Version		Type	Qty.	Order No.
light grey		WPD 102 2X35/2X25 GY	5	1561680000
blue		WPD 102 2X35/2X25 BL	5	1561640000
green		WPD 102 2X35/2X25 GN	5	1561670000
brown		WPD 102 2X35/2X25 BN	5	1561650000
black		WPD 102 2X35/2X25 BK	5	1561630000
Note				

Type	Qty.	Order No.
WPD 302 2X35/2X25 3XGY	2	1561740000

Accessories

End bracket		Type	Qty.	Order No.
dark beige		WEW 35/2	100	1061200000
dark beige		AEB 35 SC/1	50	1991920000
Screwdriver				
		SDK PZ2	1	9008540000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2	1	9008540000

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

OInput (x2) / Output (x2)	Copper		Aluminium
2x35 mm² (round conductor)			
35 mm²	3,5 Nm		8 Nm
25 mm²		3,5 Nm	6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	22 mm		
screw	M6 (+/- PZ2)		

OInput (x2) / Output (x2)	Copper		Aluminium
2x35 mm² (round conductor)			
35 mm²	3,5 Nm		
25 mm²			6 Nm
16 mm²		3,5 Nm	4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	18 mm		
screw	M6 (+/- PZ2)		

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

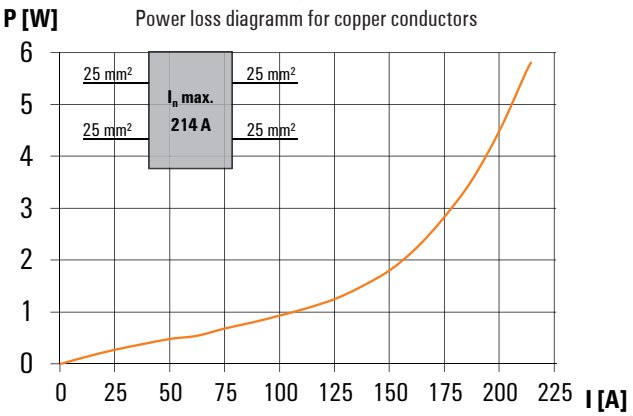
Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	31 Lb In		70,8 Lb In			
AWG 6		31 Lb In	53 Lb In	22.1 Lb In		53 Lb In
AWG 8			53 Lb In		22.1 Lb In	35 Lb In
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	115 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	3.5 Nm		8 Nm			
AWG 6		3.5 Nm	6 Nm	3.5 Nm		6 Nm
AWG 8			4 Nm		3.5 Nm	4 Nm
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	85 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

WPD 102 / WPD 302

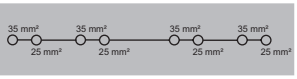
Power loss diagramm for copper conductors



W-Series
WPD 202 4X35/4X25

WPD 202 | 35 mm²

Width / Height / Depth	43.2 / 49.3 / 55.7 mm
max. current / max. conductor	125 / 35 A/mm²
max. clamping range	2.5...35 mm²



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	35 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm²	mm²
	25 mm²	mm²
Flexible with ferrule	35 mm²	mm²
	25 mm²	mm²
Stripping length / Blade size	35 mm²	mm/–
	25 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
202			
35			
		8 kV / 3	
		III / V-0	
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
2.5...25			
2.5...16			
22 / M6 (+/- PZ2)			
18 / M6 (+/- PZ2)			
see appendix at the end of the chapter			
Imax: 428 A with the connection of 8 x 25 mm²			

Ordering data

Version	
light grey	
blue	
green	
brown	
black	
Note	

Type	Qty.	Order No.
WPD 202 4X35/4X25 GY	2	1561730000
WPD 202 4X35/4X25 BL	2	1561700000
WPD 202 4X35/4X25 GN	2	1561620000
WPD 202 4X35/4X25 BN	2	1561720000
WPD 202 4X35/4X25 BK	2	1561690000

Accessories

End bracket	
dark beige	
dark beige	
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

Input (x4) / Output (x4)	Copper		Aluminium
4x35 mm² (round conductor)			
35 mm²	3,5 Nm		8 Nm
25 mm²		3,5 Nm	6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	22 mm		
screw	M8 (+/- PZ2)		

Input (x4) / Output (x4)	Copper		Aluminium
4x25 mm² (round conductor)			
35 mm²	3,5 Nm		
25 mm²		3,5 Nm	6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
2.5 mm²			
1.5 mm²			
Stripping lengths	18 mm		
screw	M6 (+/- PZ2)		

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

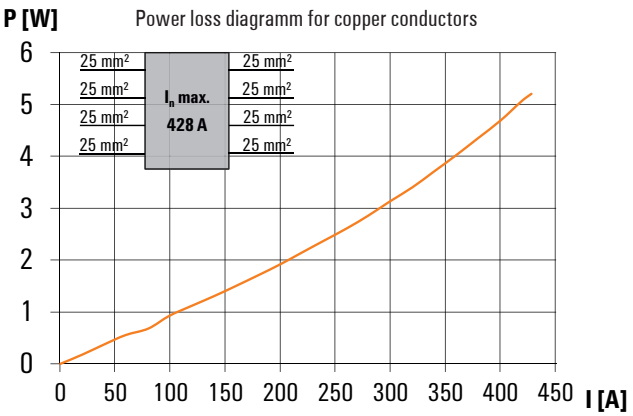
Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	31 Lb In		70.8 Lb In	22.1 Lb In	22.1 Lb In	
AWG 6		31 Lb In	53 Lb In			53 Lb In
AWG 8			53 Lb In			35 Lb In
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	115 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	3.5 Nm		8 Nm	3.5 Nm	3.5 Nm	
AWG 6		3.5 Nm	6 Nm			6 Nm
AWG 8			4 Nm			4 Nm
AWG 10						
AWG 12						
AWG 14						
AWG 16						
max. current	125 A	85 A	90 A	85 A	65 A	65 A
Voltage size B,C (UR)	600 V					

WPD 202

Power loss diagramm for copper conductors

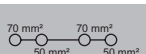


W-Series
WPD 103 2X70/2X50

WPD 103	70 mm²

Width / Height / Depth	**mm**
max. current / max. conductor	**A/mm²**
max. clamping range	**mm²**

32.9 / 53.1 / 63	
192 / 70	
4...70	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm²	mm²
	50 mm²	mm²
Flexible with ferrule	70 mm²	mm²
	50 mm²	mm²
Stripping length / Blade size	70 mm²	mm/–
	50 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
300	115		
70	AWG 12...2/0		
	8 kV / 3		
	III / V-0		

Rated connection
10...70 / 10...70
6...50 / 6...50
6...50
4...35
25 / M10 (SW 4)
20 / M8 (SW 4)
see appendix at the end of the chapter
Imax: 320 A with the connection of 4 x 50 mm²

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 103 2X70/2X50 GY	3	**1561770000**
WPD 103 2X70/2X50 BL	3	**1561780000**
WPD 103 2X70/2X50 GN	3	**1561790000**
WPD 103 2X70/2X50 BN	3	**1561820000**
WPD 103 2X70/2X50 BK	3	**1561830000**

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SK WSD-S 1,5-10,0	1	**9008850000**

Conductor connection data according to VDE 0603-2 (Cu), IEC 60947-7-1 (Cu), IEC 61238-1 Class A (Cu+Al)

OInput (x2) / Output (x2)	Copper		Aluminium
2x70 mm² (round conductor)			
70 mm²	10 Nm		18 Nm
50 mm²		10 Nm	10 Nm
35 mm²			8 Nm
25 mm²			6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
Stripping lengths	25 mm		
screw	M10 (SW 4 mm)		

OInput (x2) / Output (x2)	Copper		Aluminium
2x90 mm² (round conductor)			
70 mm²	6 Nm		
50 mm²		6 Nm	10 Nm
35 mm²			8 Nm
25 mm²			6 Nm
16 mm²			4 Nm
10 mm²			
6 mm²			
4 mm²			
Stripping lengths	20 mm		
screw	M8 (SW 4 mm)		

Stranded Solid Flexible with ferrule

Conductor connection data according to UL 1059 (Al+Cu)

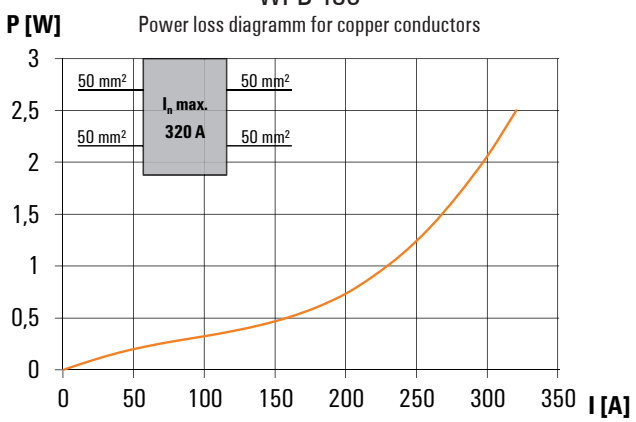
Certificate no. (UR)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	88.5 Lb In		159 Lb In	53.1 Lb In	53.1 Lb In	
AWG 6		88.5 Lb In	88.5 Lb In			88.5 Lb In
AWG 8			70.8 Lb In			70.8 Lb In
AWG 10			53 Lb In			53 Lb In
AWG 12						35 Lb In
AWG 14						
AWG 16						
max. current	160 A	150 A	135 A	150 A	115 A	120 A
Voltage size B,C (UR)	600 V					

CSA Rating data according to CSA 22.2 No. 158

Certificate no. (cURus)	XCFR2.E60693					
	Line			Load		
Input (line)	Copper		Aluminium	Copper		Aluminium
AWG 4	10 Nm		18 Nm	6 Nm	6 Nm	
AWG 6		10 Nm	10 Nm			10 Nm
AWG 8			8 Nm			8 Nm
AWG 10			6 Nm			6 Nm
AWG 12						4 Nm
AWG 14						
AWG 16						
max. current	160 A	150 A	135 A	150 A	115 A	120 A
Voltage size B,C (UR)	600 V					

WPD 103

Power loss diagramm for copper conductors

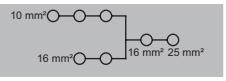


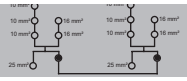
W-Series
WPD 104 1X25+1X16/2X16+3X10

WPD 104	25 mm²

WPD 204	25 mm²

Width / Height / Depth	31.5 / 49 / 68	63 / 49 / 68
max. current / max. conductor	101 / 25	101 / 25
max. clamping range	1.5...25	1.5...25





Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm²	mm²
	16 mm²	mm²
	10 mm²	mm²
Flexible with ferrule	25 mm²	mm²
	16 mm²	mm²
	10 mm²	mm²
Stripping length / Blade size	25 mm²	mm/–
	16 mm²	mm/–
	10 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

IEC	UL	CSA	EN 60079-7
1000	600	600	550
164	85	85	101
25	AWG 16...4	AWG 16...4	25
	8 kV / 3		
	III / V-0		
			CNEX 16 ATEX0005U
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...10 / 1.5...10			
1.5...16			
1.5...10			
1.5...6			
12 / M5			
14 / M6			
19 / M6			
see appendix at the end of the chapter			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
164			
25			
	8 kV / 3		
	III / V-0		
Rated connection			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
1.5...10 / 1.5...10			
1.5...16			
1.5...10			
1.5...6			
12 / M5			
14 / M6			
19 / M6			
see appendix at the end of the chapter			

Ordering data

Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 104 1X25+1X16/2X16+3X10 GY	1	1562000000
WPD 104 1X25+1X16/2X16+3X10 BL	1	2518250000
WPD 104 1X25+1X16/2X16+3X10 RD	1	2725260000
WPD 104 1X25+1X16/2X16+3X10 BK	1	2725360000

Type	Qty.	Order No.
WPD 204 2X25/4X16+6X10 2XGY	1	1562150000
WPD 204 2X25/4X16+6X10 2XBL	1	2518330000
WPD 204 2X25/4X16+6X10 2XRD	1	2725290000
WPD 204 2X25/4X16+6X10 2XBK	1	2725390000

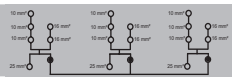
Accessories

Cross connection		
	2-pole	
	3-pole	
End bracket		
	dark beige	
	dark beige	
Screwdriver		
		SET

Type	Qty.	Order No.
WQB WPD X04/2	20	1561980000
WQB WPD X04/3	20	1561990000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

WPD 304 — 25 mm²

94.5 / 49 / 68	
101 / 25	
1.5...25	

IEC 60947-7-1

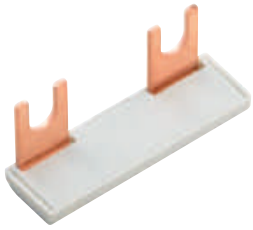
IEC	UL	CSA	EN 60079-7
1000	600	600	550
164	85	85	101
25	AWG 16...4	AWG 16...4	25
	8 kV / 3		
	III / V-0		

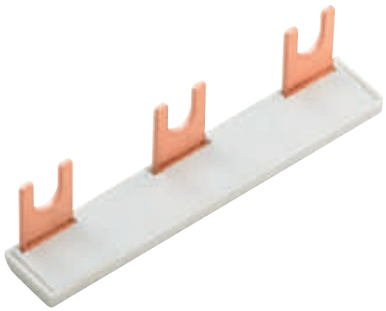
CE EAC

Rated connection
2.5...25 / 2.5...25
1.5...16 / 1.5...16
1.5...10 / 1.5...10
1.5...16
1.5...10
1.5...6
12 / M5
14 / M6
19 / M6
see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 304 3X25/6X16+9X10 3XGY	1	1562160000
WPD 304 3X25/6X16+9X10 3XBL	1	2518340000
WPD 304 3X25/6X16+9X10 3XRD	1	2725300000
WPD 304 3X25/6X16+9X10 3XBK	1	2725400000

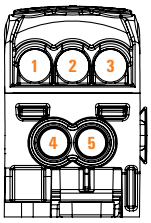
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



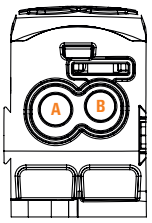


Conductor connection data according to IEC 60947-7-1 (Cu)

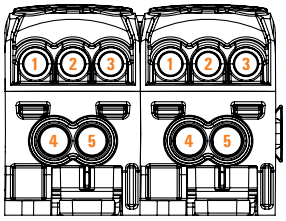
Input	connection point A			
	Copper		Aluminium*	
25 mm²	2,5 Nm		5,1 Nm	
16 mm²		2,5 Nm		5,1 Nm
10 mm²				
6 mm²				
4 mm²				
2.5 mm²				
1.5 mm²				
Stripping lengths	19 mm			
Allen screw	M6			
* Values according to UL 1059				



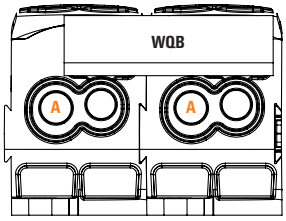
output



input



output



input

Output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
16 mm²					2,5 Nm		5,1 Nm		2,5 Nm			
10 mm²	2 Nm		5,1 Nm			2,5 Nm		5,1 Nm		2,5 Nm	5,1 Nm	
6 mm²		2 Nm										
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M5				M6				M6			
* Values according to UL 1059												

Stranded

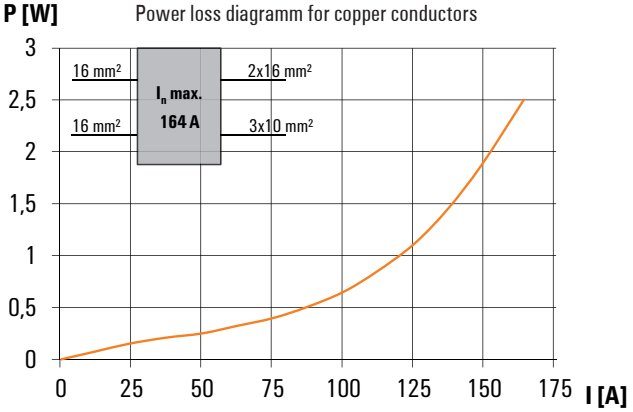
Solid

Flexible with ferrule

Sector shaped

WPD 104

Power loss diagramm for copper conductors



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
AWG 4	22.1 Lb In.		45.1 Lb In.	
AWG 6		22.1 Lb In.		45.1 Lb In.
AWG 8				
AWG 10				
AWG 12				
max. current	85 A	65 A	65 A	50 A
Voltage size B,C (UR)	600 V			

output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
AWG 4							45.1 Lb In.					
AWG 6	22.1 Lb In.		45.1 Lb In.		22.1 Lb In.			45.1 Lb In.	22.1 Lb In.		45.1 Lb In.	
AWG 8		22.1 Lb In.				22.1 Lb In.				22.1 Lb In.		
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A	
Voltage size B,C (UR)	600 V											

Mehrdrähtig

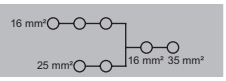
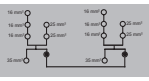
Eindrähtig

Feindrähtig mit Aderendhülse

CSA Rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input		Output	
	CP* A	CP* 1/2/3	CP* 4/5	CP*B
AWG 4	2,5 Nm.			2,5 Nm
AWG 6				
AWG 8		2,5 Nm	2,5 Nm	
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	85 A	50 A	50 A	65 A
Voltage size C (CSA)	600 V			
* CP - connection point				

W-Series
WPD 105 1X35+1X16/2X25+3X16

	WPD 105	35 mm²	WPD 205	35 mm²
Width / Height / Depth	35.6 / 53.7 / 70		71.2 / 53.7 / 70	
max. current / max. conductor	125 / 35		125 / 35	
max. clamping range	1,5...35		1,5...35	

Technical data

			WPD 105	WPD 205
Rated data				
Rated voltage		V	IEC 60947-7-1	IEC 60947-7-1
Rated current		A		
for wire cross-section	35 mm²	mm²		
Rated impulse withstand voltage / Pollution severity				
Overvoltage category / UL 94 flammability rating				
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded	35 mm²	mm²		
	25 mm²	mm²		
	16 mm²	mm²		
Flexible with ferrule	35 mm²	mm²		
	25 mm²	mm²		
	16 mm²	mm²		
Stripping length / Blade size	35 mm²	mm/–		
	25 mm²	mm/–		
	16 mm²	mm/–		
Tightening torque		Nm		
Note				

	WPD 105	WPD 205
	II 2 GD Ex eb IIC Gb	
IEC	1000	1000
UL	600	
CSA	600	
EN 60079-7	690	
	214	214
	115	
	85	
	125	
	35	35
	AWG 16...2	
	AWG 16...2	
	35	
	8 kV / 3	8 kV / 3
	III / V-0	III / V-0
	CNEX 16 ATEX0005U	
Rated connection		
	4...35 / 4...35	4...35 / 4...35
	2.5...25 / 2.5...25	2.5...25 / 2.5...25
	1.5...16 / 1.5...16	1.5...16 / 1.5...16
	2.5...25	2.5...25
	1.5...16	1.5...16
	1.5...10	1.5...10
	19 / M8	19 / M8
	14 / M6	14 / M6
	12 / M6	12 / M6
	see appendix at the end of the chapter	see appendix at the end of the chapter
Note		

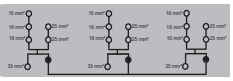
Ordering data

Version	WPD 105 Type	Qty.	Order No.	WPD 205 Type	Qty.	Order No.
grey	WPD 105 1X35+1X16/2X25+3X16 GY	1	1562170000	WPD 205 2X35/4X25+6X16 2XGY	1	1562180000
blue	WPD 105 1X35+1X16/2X25+3X16 BL	1	2518540000	WPD 205 2X35/4X25+6X16 2XBL	1	2519470000
red	WPD 105 1X35+1X16/2X25+3X16 RD	1	2725310000	WPD 205 2X35/4X25+6X16 2XRD	1	2725320000
black	WPD 105 1X35+1X16/2X25+3X16 BK	1	2725410000	WPD 205 2X35/4X25+6X16 2XBK	1	2725420000
Note						

Accessories

Cross connection	Type	Qty.	Order No.	Type	Qty.	Order No.
2-pole	WQB WPD X05/2	20	1561960000			
3-pole	WQB WPD X05/3	20	1561970000			
End bracket						
dark beige	WEW 35/2	100	1061200000	WEW 35/2	100	1061200000
dark beige	AEB 35 SC/1	50	1991920000	AEB 35 SC/1	50	1991920000
Screwdriver						
	SDK PZ2 X 100	1	2749450000	SDK PZ2 X 100	1	2749450000
SET	SK WSD-S 1,5-10,0	1	9008850000	SK WSD-S 1,5-10,0	1	9008850000

WPD 305 — 35 mm²

106.8 / 53.7 / 70	
125 / 35	
1,5...35	

IEC 60947-7-1

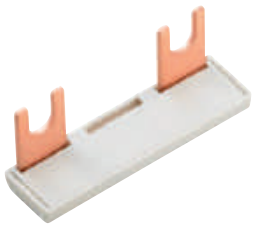
IEC	UL	CSA	EN 60079-7
1000			
214			
35			
	8 kV / 3		
	III / V-0		

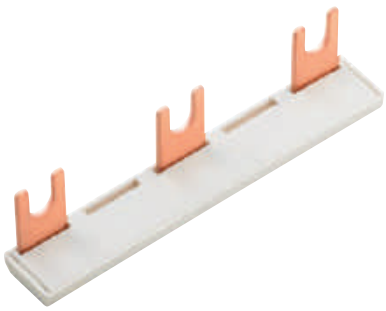
CE EAC

Rated connection
4...35 / 4...35
2.5...25 / 2.5...25
1.5...16 / 1.5...16
2.5...25
1.5...16
1.5...10
19 / M8
14 / M6
12 / M6
see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 305 3X35/6X25+9X16 3XGY	1	1562190000
WPD 305 3X35/6X25+9X16 3XBL	1	2521770000
WPD 305 3X35/6X25+9X16 3XRD	1	2725330000
WPD 305 3X35/6X25+9X16 3XBK	1	2725430000

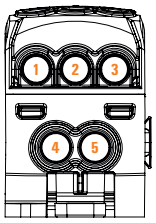
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



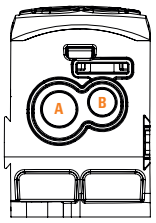


Conductor connection data according to IEC 60947-7-1 (Cu)

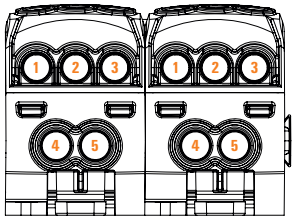
Input	connection point A			
	Copper		Aluminium*	
35 mm²	3,5 Nm		11,3 Nm	
25 mm²		3,5 Nm		11,3 Nm
16 mm²				
10 mm²				
6 mm²				
4 mm²				
2.5 mm²				
Stripping lengths	19 mm			
Allen screw	M8			
* Values according to UL 1059				



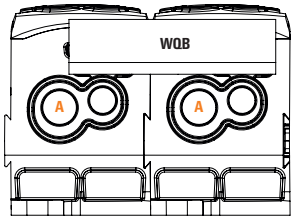
output



input



output



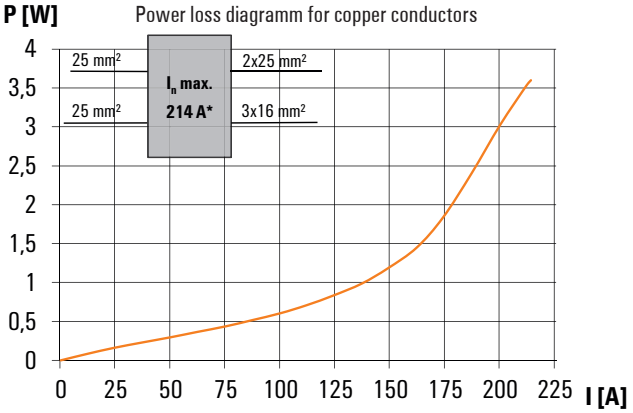
input

Output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
25 mm²					2,5 Nm		5,1 Nm		2,5 Nm		5,1 Nm	
16 mm²	2 Nm		5,1 Nm			2,5 Nm		5,1 Nm		2,5 Nm		
10 mm²		2 Nm										
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M6				M6				M6			
* Values according to UL 1059												

Stranded
Solid
Flexible with ferrule
 Sector shaped

WPD 105

Power loss diagramm for copper conductors



Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
AWG 2	31 Lb In.		100 Lb In.	
AWG 4		31 Lb In.		100 Lb In.
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V			

output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
AWG 4					22.1 Lb In.		45.1 Lb In.					
AWG 6	22.1 Lb In.		45.1 Lb In.			22.1 Lb In.		45.1 Lb In.	22.1 Lb In.		45.1 Lb In.	
AWG 8		22.1 Lb In.								22.1 Lb In.		
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A	
Voltage size B,C (UR)	600 V											

Stranded

Solid

Flexible with ferrule

 Sector shaped

CSA Rating data according to CSA 22.2 No. 158

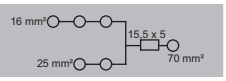
Certificate No. (CSA)	269832			
	Input		Output	
	CP* A	CP* 1/2/3	CP* 4/5	CP*B
AWG 4	31 Lb In.		22.1 Lb In.	22.1 Lb In.
AWG 4		22.1 Lb In.		
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	115 A	85 A	85 A	85 A
Voltage size C (CSA)	600 V			
* CP - connection point				

W-Series
WPD 106 1X70/2X25+3X16

WPD 106 | 70 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

39.5 / 50.4 / 70	
192 / 70	
1,5...70	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	70 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	70 mm²	mm/–
	25 mm²	mm/–
	16 mm²	mm/–
Tightening torque		Nm
Note		

II 2 GD
Ex eb IIC Gb

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000		600	550
215		175	160
70		AWG 16...2/0	70
		8 kV / 3	
		III / V-0	
			CNEX 16 ATEX0005U

Rated connection
10...70 / 10...70
2.5...25 / 2.5...25
1.5...16 / 1.5...16
6...50
1.5...16
1.5...10
19 / M8
14 / M6
12 / M6
see appendix at the end of the chapter

Ordering data

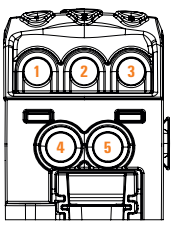
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 106 1X70/2X25+3X16 GY	1	1562210000
WPD 106 1X70/2X25+3X16 BL	1	2518570000
WPD 106 1X70/2X25+3X16 RD	1	2725340000
WPD 106 1X70/2X25+3X16 BK	1	2725440000

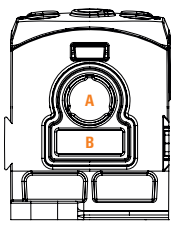
Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

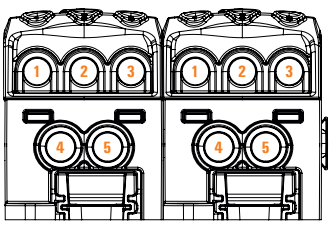
Type	Qty.	Order No.
WQB WPD X06/2	20	1561940000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



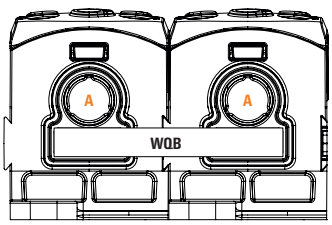
output



input



output



input

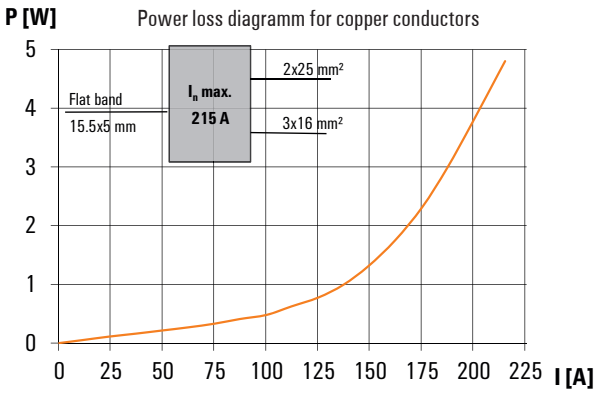
Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A Copper		Aluminium*		CP** B Copper
70 mm²	10 Nm		13,6 Nm		
50 mm²		10 Nm		13,6 Nm	
35 mm²					
25 mm²					
16 mm²					
10 mm²					
6 mm²					
Flat band 15,5x5 mm					2 Nm
Stripping lengths	19 mm				17 mm
Allen screw	M8				M5

* Values according to UL 1059 ** CP - connection point

WPD 106

Power loss diagramm for copper conductors



Output	connection point 1/2/3 Copper		Aluminium*		connection point 4/5 Copper		Aluminium*	
25 mm²	2 Nm		5,1 Nm		2,5 Nm		5,1 Nm	
16 mm²		2 Nm				2,5 Nm		5,1 Nm
10 mm²								
6 mm²								
4 mm²								
2.5 mm²								
1.5 mm²								
Stripping lengths	12 mm				14 mm			
Allen screw	M6				M6			

* Values according to UL 1059

Mehrdrähtig | Eindrähtig | Feindrähtig mit Aderendhülse | Sektorförmig | Flachband

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				
Input (line)	connection point A Copper		Aluminium		CP** B Copper
AWG 2/0	88.5 Lb In.		120.4 Lb In.		
AWG 1/0		88.5 Lb In.		100 Lb In.	
AWG 2					
AWG 4					
AWG 6					
AWG 8					
AWG10					
Flat band 15.5x3.2 mm					17.4 Lb In.
max. current	160 A	150 A	135 A	120 A	160 A
Voltage size B,C (UR)	600 V				

** CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1/2/3	CP* 4/5
AWG 2/0	10 Nm.		
AWG 1/0			
AWG 2			
AWG 4			2 Nm
AWG 6		2 Nm	
AWG 8			
AWG10			
AWG 12			
AWG 14			
AWG 16			
max. current	175 A	50 A	65 A
Voltage size C (CSA)	600 V		

* CP - connection point

output (load)	connection point 1/2/3 Copper		Aluminium		connection point 4/5 Copper		Aluminium	
AWG 4	22.6 Lb In.		45.1 Lb In.		22.6 Lb In.		45.1 Lb In.	
AWG 6		22.6 Lb In.				22.6 Lb In.		45.1 Lb In.
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A
Voltage size B,C (UR)	600 V							

Stranded | Solid | Flexible with ferrule | Sector shaped | Flat band

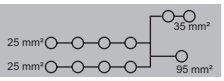
W-Series
WPD 107 1X95/2X35+8X25

RoHS COMPLIANT

WPD 107 | **95 mm²**

Width / Height / Depth	**mm**
max. current / max. conductor	**A/mm²**
max. clamping range	**mm²**

51 / 54.5 / 73	
232 / 95	
1,5...95	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
Flexible with ferrule	95 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
Stripping length / Blade size	95 mm²	mm/–
	35 mm²	mm/–
	25 mm²	mm²
Tightening torque		Nm
Note		

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

IEC	**UL**	**CSA**	**EN 60079-7**
1000			440
270			232
95			95
		8 kV / 3	
		III / V-0	
			CNEX 16 ATEX0005U
Rated connection			
16...95 / 16...95			
4...35 / 4...35			
2.5...25 / 2.5...25			
10...70			
2.5...25			
1.5...16			
14 / M12			
12 / M8			
12 / M6			
see appendix at the end of the chapter			

Ordering data

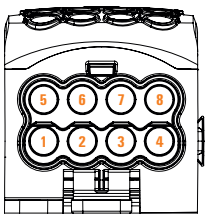
Version	
	grey
	blue
	red
	black
Note	

Type	**Qty.**	**Order No.**
WPD 107 1X95/2X35+8X25 GY	1	**1562220000**
WPD 107 1X95/2X35+8X25 BL	1	**2521730000**
WPD 107 1X95/2X35+8X25 RD	1	**2725350000**
WPD 107 1X95/2X35+8X25 BK	1	**2725450000**

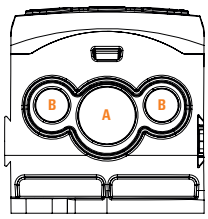
Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	**Qty.**	**Order No.**
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**
SK WSD-S 1,5-10,0	1	**9008850000**



output



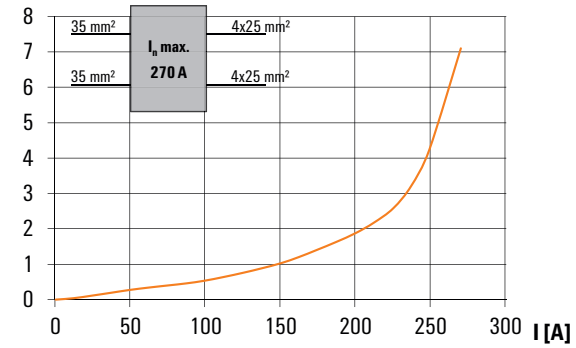
input

Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A			
	Copper		Aluminium*	
95 mm²	14 Nm		22,6 Nm	
70 mm²		14 Nm		22,6 Nm
50 mm²				
35 mm²				
25 mm²				
16 mm²				
10 mm²				
Stripping lengths	14 mm			
Allen screw	M12			
* Values according to UL 1059				

WPD 107

Power loss diagramm for copper conductors



Output	connection point 1 - 8				connection point B			
	Copper		Aluminium*		Copper		Aluminium*	
35 mm²					3,5 Nm		11,3 Nm	
25 mm²	2,5 Nm		5,1 Nm			3,5 Nm		11,3 Nm
16 mm²		2,5 Nm		5,1 Nm				
10 mm²								
6 mm²								
4 mm²								
2.5 mm²								
1.5 mm²								
Stripping lengths	12 mm				12 mm			
Allen screw	M6				M8			
* Values according to UL 1059								

Stranded Solid Flexible with ferrule Sector shaped

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
Input (line)	connection point A			
	Copper		Aluminium	
AWG 3/0	124 Lb In.		200 Lb In.	
AWG 2/0		124 Lb In.		200 Lb In.
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current	200 A	175 A	155 A	130 A
Voltage size B,C (UR)	600 V			

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1 - 8	CP* B
AWG 3/0	14 Nm.		
AWG 2/0			
AWG 1/0			
AWG 2			6 Nm
AWG 4		2,5 Nm	
AWG 6			
AWG 8			
AWG 10			
AWG 12			
AWG 14			
max. current	200 A	85 A	115 A
Voltage size C (CSA)	600 V		
* CP - connection point			

output (load)	connection point 1 - 8				connection point B			
	Copper		Aluminium		Copper		Aluminium	
AWG 2	22.1 Lb In.		45.1 Lb In.		31 Lb In.		100 Lb In.	
AWG 4		22.1 Lb In.		45.1 Lb In.		31 Lb In.		100 Lb In.
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	85 A	65 A	65 A	50 A	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V							

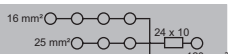
Stranded Solid Flexible with ferrule

W-Series
WPD 108 1X120/2X35+3X25+4X16

WPD 108 **120 mm²**

Width / Height / Depth	**mm**
max. current / max. conductor	**A/mm²**
max. clamping range	**mm²**

51.1 / 77 / 95	
269 / 120	
1,5...120	



Technical data

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

Rated data			IEC	UL	CSA	EN 60079-7
Rated voltage		V	1000			880
Rated current		A	400			250
for wire cross-section	120 mm²	mm²	120			120
Rated impulse withstand voltage / Pollution severity					8 kV / 3	
Overvoltage category / UL 94 flammability rating					III / V-0	
Approvals			CE			CNEX 16 ATEX0005U
Clamped conductors (H05V/H07V)			**Rated connection**			
Solid / Stranded	120 mm²	mm²	35...120 / 35...120			
	35 mm²	mm²	4...35 / 4...35			
	25 mm²	mm²	2.5...25 / 2.5...25			
	16 mm²	mm²	1.5...16 / 1.5...16			
Flexible with ferrule	120 mm²	mm²	25...95			
	35 mm²	mm²	2.5...25			
	25 mm²	mm²	1.5...16			
	16 mm²	mm²	1.5...10			
Stripping length / Blade size	120 mm²	mm/-	27 / M14			
	35 mm²	mm/-	18 / M8			
	25 mm²	mm²	12 / M6			
	16 mm²	mm²	12 / M6			
Tightening torque		Nm	see appendix at the end of the chapter			
Note						

Ordering data

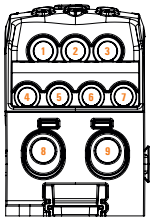
Version	
	grey
	blue
	red
	black
Note	

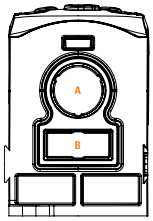
Type	Qty.	Order No.
WPD 108 1X120/2X35+3X25+4X16 GY	1	**1562100000**
WPD 108 1X120/2X35+3X25+4X16 BL	1	**2519480000**
WPD 108 1X120/2X35+3X25+4X16 RD	1	**2725280000**
WPD 108 1X120/2X35+3X25+4X16 BK	1	**2725380000**

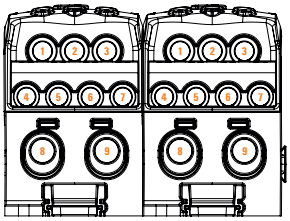
Accessories

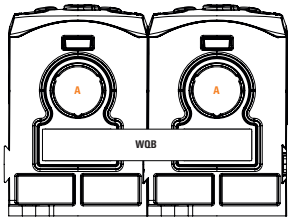
Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WQB WPD X08-09/2	20	**1561900000**
WEW 35/2	100	**1061200000**
AEB 35 SC/1	50	**1991920000**
SDK PZ2 X 100	1	**2749450000**
SK WSD-S 1,5-10,0	1	**9008850000**


output


input


output



input

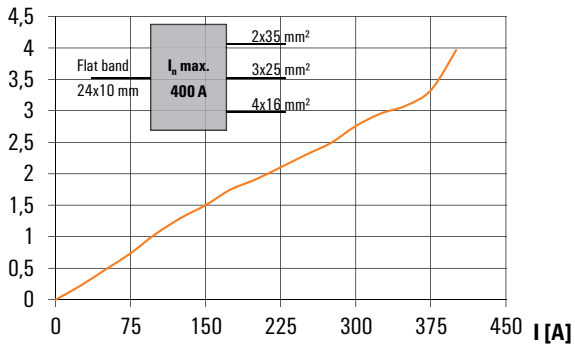
Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A Copper		Aluminium*		CP** B Copper
120 mm²	19 Nm		22,6 Nm		
95 mm²		19 Nm		22,6 Nm	
70 mm²					
50 mm²					
35 mm²					
25 mm²					
Flat band 24x10mm					3 Nm
Stripping lengths	27 mm				22 mm
Allen screw	M14				M6

* Values according to UL 1059 ** CP - connection point

WPD 108

Power loss diagramm for copper conductors



Output	connection point 1 / 2 / 3 Copper		Aluminium*		connection point 4 / 5 / 6 / 7 Copper		Aluminium*		connection point 8 / 9 Copper		Aluminium*	
35 mm²	2 Nm		5,1 Nm		2 Nm		5,1 Nm		2,5 Nm		11,3 Nm	
25 mm²		2 Nm		5,1 Nm		2 Nm				2,5 Nm		11,3 Nm
16 mm²												
10 mm²												
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			

* Values according to UL 1059

Stranded Solid Flexible with ferrule Sector shaped Flat band

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				
Input (line)	connection point A Copper		Aluminium		CP* B Copper
kcmil 250	168.2 Lb In.		200 Lb In.		
AWG 4/0		168.2 Lb In.		200 Lb In.	
AWG 3/0					
AWG 2/0					
AWG 1/0					
AWG 2					
AWG 4					
Flat band 24x10 mm					17.7 Lb In.
max. current	250 A	200 A	155 A	205 A	250 A
Voltage size B,C (UR)	600 V				

* CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output		
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.			
⋮	⋮			
AWG 2	19 Nm			
AWG 2		3 Nm	3 Nm	6 Nm
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3 Copper		Aluminium		connection point 4 / 5 / 6 / 7 Copper		Aluminium		connection point 8 / 9 Copper		Aluminium	
AWG 2	22.6 Lb In.		45.1 Lb In.		22.6 Lb In.		45.1 Lb In.		53.1 Lb In.		100 Lb In.	
AWG 4		22.6 Lb In.		45.1 Lb In.		22.6 Lb In.				53.1 Lb In.		100 Lb In.
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A		115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V											

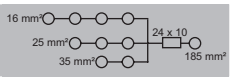
Stranded Solid Flexible with ferrule Sector shaped Flat band

W-Series
WPD 109 1X185/2X35+3X25+4X16

WPD 109 | **185 mm²**

Width / Height / Depth	**mm**
max. current / max. conductor	**A/mm²**
max. clamping range	**mm²**

55.1 / 77 / 95	
353 / 185	
1,5...185	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	185 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Flexible with ferrule	185 mm²	mm²
	35 mm²	mm²
	25 mm²	mm²
	16 mm²	mm²
Stripping length / Blade size	185 mm²	mm/–
	35 mm²	mm/–
	25 mm²	mm²
	16 mm²	mm²
Tightening torque		Nm
Note		

IEC 60947-7-1

II 2 GD
Ex eb IIC Gb

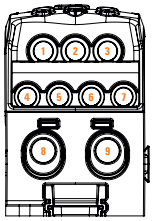
IEC	UL	CSA	EN 60079-7
1000	600	600	880
490	310	310	353
185	AWG 16...350 kcmil	AWG 16...350 kcmil	185
8 kV / 3			
III / V-0			
CNEX 16 ATEX0005U			
Bemessungsanschluss			
70...185 / 70...185			
4...35 / 4...35			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
50...150			
2.5...25			
1.5...16			
1.5...10			
27 / M14			
18 / M8			
12 / M6			
12 / M6			
siehe Anhang am Kapitelende			

Ordering data

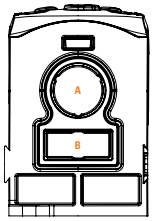
Version	**Type**	**Qty.**	**Order No.**
grey	WPD 109 1X185/2X35+3X25+4X16 GY	1	**1562090000**
blue	WPD 109 1X185/2X35+3X25+4X16 BL	1	**2519490000**
red	WPD 109 1X185/2X35+3X25+4X16 RD	1	**2725270000**
black	WPD 109 1X185/2X35+3X25+4X16 BK	1	**2725370000**
Note			

Accessories

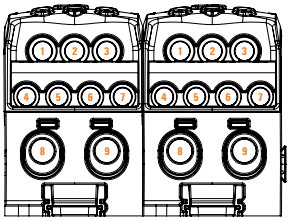
Cross connection	**Type**	**Qty.**	**Order No.**
2-pole	WQB WPD X08-09/2	20	**1561900000**
End bracket			
dark beige	WEW 35/2	100	**1061200000**
dark beige	AEB 35 SC/1	50	**1991920000**
Screwdriver			
	SDK PZ2 X 100	1	**2749450000**
SET	SK WSD-S 1,5-10,0	1	**9008850000**



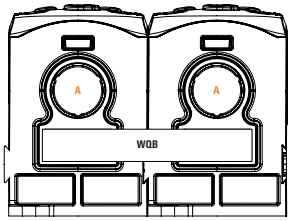
output



input



output



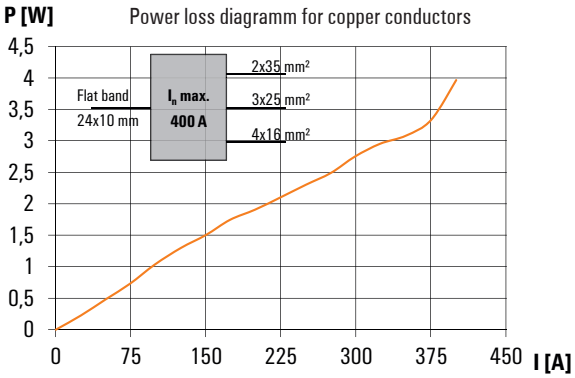
input

Conductor connection data according to IEC 60947-7-1 (Cu)

Input	connection point A Copper		Aluminium*		CP** B Copper
185 mm²	19 Nm	19 Nm	22,6 Nm	22,6 Nm	
150 mm²					
120 mm²					
95 mm²					
70 mm²					
50 mm²					
Flat band 24x10mm					3 Nm
Stripping lengths	27 mm				22 mm
Allen screw	M14				M6
* Values according to UL 1059 ** CP - connection point					

WPD 109

Power loss diagramm for copper conductors



Output	connection point 1 / 2 / 3 Copper		Aluminium*		connection point 4 / 5 / 6 / 7 Copper		Aluminium*		connection point 8 / 9 Copper		Aluminium*	
35 mm²									2,5 Nm	2,5 Nm	11,3 Nm	11,3 Nm
25 mm²	2 Nm	2 Nm	5,1 Nm	5,1 Nm	2 Nm	2 Nm	5,1 Nm					
16 mm²												
10 mm²												
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			
* Values according to UL 1059												

Stranded Solid Flexible with ferrule Sector shaped Flat band

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693				
Input (line)	connection point A Copper		Aluminium		CP* B Copper
kcmil 350	249.6 Lb In.	249.6 Lb In.	398.3 Lb In.	398.3 Lb In.	
kcmil 300					
kcmil 250					
AWG 4/0					
AWG 3/0					
AWG 2/0					
AWG 1/0					
Flat band 24x10 mm					17.7 Lb In.
max. current	310 A	285 A	250 A	230 A	250 A
Voltage size B,C (UR)	600 V				
* CP - connection point					

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output		
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.			
⋮	⋮			
AWG 2/0	19 Nm			
AWG 2		2Nm	2 Nm	3 Nm
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			
* CP - connection point				

Output	connection point 1 / 2 / 3 Copper		Aluminium		connection point 4 / 5 / 6 / 7 Copper		Aluminium		connection point 8 / 9 Copper		Aluminium	
AWG 2									53.1 Lb In.	53.1 Lb In.	100 Lb In.	100 Lb In.
AWG 4	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.					
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A		115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V											

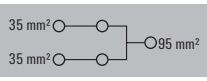
Stranded Solid Flexible with ferrule Sector shaped Flat band

W-Series
WPD 111 1X95/4X35

WPD 111	95 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

36.6 / 69.4 / 105	
232 / 95	
2.5...95	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm²	mm²
	35 mm²	mm²
Flexible with ferrule	95 mm²	mm²
	35 mm²	mm²
Stripping length / Blade size	95 mm²	mm/–
	35 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
232	230		
95	AWG 14...4/0		
	8 kV / 3		
	III / V-0		

Bemessungsanschluss
16...95 / 16...95
4...35 / 4...35
10...70
2.5...25
21 / M12
16 / M8
see appendix at the end of the chapter

Ordering data

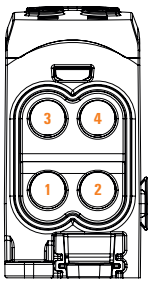
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 111 1X95/4X35 GY	1	2603790000
WPD 111 1X95/4X35 BL	1	2603800000
WPD 111 1X95/4X35 RD	1	2730310000
WPD 111 1X95/4X35 BK	1	2730320000

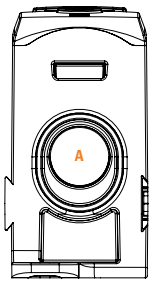
Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



output



input

Conductor connection data according to IEC 60947-1 (Cu)

Input	connection point A Copper	
1x 95 mm²		
95 mm²	14 Nm	
70 mm²		14 Nm
50 mm²		
35 mm²		
25 mm²		
16 mm²		
10 mm²		
Stripping lengths	21 mm	
Allen screw	M12	

Output	connection point A Copper	
1x 35 mm²		
35 mm²	6 Nm	
25 mm²		6 Nm
16 mm²		
10 mm²		
6 mm²		
4 mm²		
2,5 mm²		
Stripping lengths	16 mm	
Allen screw	M8	

Stranded

Solid

Flexible with ferrule

Sector shaped

Flat band

Conductor connection data according to 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
AWG 4/0	200 Lb In.		200 Lb In.	
AWG 3/0		200 Lb In.		200 Lb In.
AWG 2/0				
AWG 1/0				
AWG 1				
AWG 2				
AWG 3				
AWG 4				
AWG 6				
AWG 8				
max. current	230 A	200 A	180 A	155 A
Voltage size B,C (UR)	1000 V			

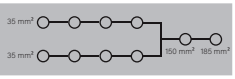
Output	connection point 1 / 2 / 3 / 4			
	Copper		Aluminium	
AWG 2	124.8 Lb In.		124.8 Lb In.	
AWG 3		124.8 Lb In.		124.8 Lb In.
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			

W-Series
WPD 113 1X185+1X150/8X35

WPD 113 — 185 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm²
max. clamping range	mm²

62.6 / 80.3 / 126.3	
353 / 185	
2.5...185	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm²	mm²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	185 mm²	mm²
	150 mm²	mm²
	35 mm²	mm²
Flexible with ferrule	185 mm²	mm²
	150 mm²	mm²
	35 mm²	mm²
Stripping length / Blade size	185 mm²	mm/–
	150 mm²	mm/–
	35 mm²	mm/–
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
353	310		
185	AWG 14...350 kcmil		
		8 kV / 3	
		III / V-0	

Rated connection
50...150
70...150 / 70...150
4...35 / 4...35
70...185 / 70...185
50...120 / 50...120
2.5...25
33 / M16
28 / M16
16 / M8
siehe Anhang am Kapitelende

Ordering data

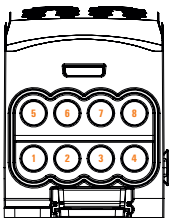
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 113 1X185+1X150/8X35 GY	1	2603740000
WPD 113 1X185+1X150/8X35 BL	1	2603750000
WPD 113 1X185+1X150/8X35 RD	1	2730350000
WPD 113 1X185+1X150/8X35 BK	1	2730360000

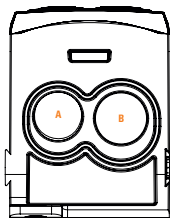
Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



output



input

Conductor connection data according to IEC 60947-1 (Cu)

Input	connection point A Copper		connection point B Copper	
185 mm²	25 Nm			
150 mm²		25 Nm	25 Nm	
120 mm²				25 Nm
95 mm²				
70 mm²				
50 mm²				
Stripping lengths	33 mm		28 mm	
Allen screw	M16		M16	

Output	connection point 1– 8 Copper	
35 mm²	6 Nm	
25 mm²		6 Nm
16 mm²		
10 mm²		
6 mm²		
4 mm²		
2,5 mm²		
Stripping lengths	16 mm	
Allen screw	M8	

Mehrdrähtig

Eindrähtig

Feindrähtig mit Aderendhülse

Conductor connection data according to UL 1059 (Al+Cu)

Certificate no. (UR)	XCFR2.E60693							
Input (line)	connection point A Copper		connection point A Aluminium		connection point B Copper		connection point B Aluminium	
350 kcmil	249.6 Lb In.		398.3 Lb In.		249.6 Lb In.		398.3 Lb In.	
300 kcmil		249.6 Lb In.		398.3 Lb In.		249.6 Lb In.		398.3 Lb In.
250 kcmil								
AWG 4/0								
AWG 3/0								
AWG 2/0								
AWG 1/0								
max. current	310 A	285 A	250 A	230 A	285 A	255 A	230 A	205 A
Voltage size B,C (UR)	1000 V				1000 V			

Output	connection point 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 Copper		Aluminium	
AWG 2	124.8 Lb In.		124.8 Lb In.	
AWG 3		124.8 Lb In.		124.8 Lb In.
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			

Stranded

Solid

Flexible with ferrule

Socket wides - overview WPD

	WPD 104	WPD 105	WPD 106	WPD 107	WPD 108	WPD109
Inputs						
Main connection point ["A"]	SW 3 (M6x10)	SW 4 (M8x12)	SW 5 (M10x1x12)	SW 6 (M12x16)	SW 6 (M14x1.5x18)	SW 6 (M14x1.5x18)
Second connetion point / cross connection ["B"]	Pozi 2 (M6x11)	Pozi 2 (M6x11)				
Connection input or output with 2 x 35mm²				SW 4 (M8x12)		
Ribbon cable connection 15.5 x 5 mm			SW 4 (M5x20)			
Ribbon cable connection 24 x 10 mm					SW 5 (M6x30)	SW 5 (M6x30)
Outputs						
2 x 16 mm²	SW 3 (M6x8)					
3 x 10 mm²	SW 2.5 (M5x8)					
2 x 25 mm²		SW 3 (M6x10)	SW 3 (M6x8)			
3 x 16 mm²		SW 3 (M6x8)	SW 3 (M6x8)			
8 x 25 mm²				SW 3 (M6x10)		
2 x 35 mm²					SW 4 (M8x10)	SW 4 (M8x10)
3 x 25 mm²					SW 3 (M6x8)	SW 3 (M6x8)
4 x 16 mm²					SW 3 (M6x8)	SW 3 (M6x8)

	WPD 111	WPD 113
Inputs		
Main connection point ["A"]	SW 6 (M12)	M16
Second connetion point / cross connection ["B"]		M16
Connection input or output with 2 x 35mm²		
Ribbon cable connection 15.5 x 5 mm		
Outputs		
35 mm³	SW 4 (M8)	M8
25 mm²	SW 4 (M8)	M8
16 mm²	SW 4 (M8)	M8
10 mm²	SW 4 (M8)	M8
6 mm²	SW 4 (M8)	M8
4 mm²	SW 4 (M8)	M8
2,5 mm²	SW 4 (M8)	M8

	WPD 130	WPD 230	WPD 330	WPD 131	WPD 231	WPD 132	WPD 232	WPD 133	WPD 233
Inputs									
1 x 50 mm²	SW 5 (M10x1.25)								
2 x 50 mm²		SW 5 (M10x1.25)							
3 x 50 mm²			SW 5 (M10x1.25)						
1 x 95 mm²				SW 6 (M14x1.5)					
2 x 95 mm²					SW 6 (M14x1.5)				
1 x 185 mm²						SW 10 (M18x2)			
2 x 185 mm²							SW 10 (M18x2)		
1 x 300 mm²								SW 12 (M24x2)	
2 x 300 mm²									SW 12 (M24x2)
Outputs									
1 x 50 mm²	SW 5 (M10x1.25)								
2 x 50 mm²		SW 5 (M10x1.25)							
3 x 50 mm²			SW 5 (M10x1.25)						
1 x 95 mm²				SW 6 (M14x1.5)					
2 x 95 mm²					SW 6 (M14x1.5)				
1 x 185 mm²						SW 10 (M18x2)			
2 x 185 mm²							SW 10 (M18x2)		
1 x 300 mm²								SW 12 (M24x2)	
2 x 300 mm²									SW 12 (M24x2)

	WPD 101	WPD 301	WPD 401	WPD 501	WPD 102	WPD 202	WPD 302	WPD 103
Inputs								
1 x 16 mm²	cross recess+/- G2 (M6)							
1 x 25 mm²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm²						cross recess+/- G2 (M6)		
3 x 16 mm²		cross recess+/- G2 (M6)						
3 x 25 mm²		cross recess+/- G2 (M6)					cross recess+/- G2 (M6)	
4 x 16 mm²			cross recess+/- G2 (M6)					
4 x 25 mm²			cross recess+/- G2 (M6)					
5 x 16 mm²				cross recess+/- G2 (M6)				
5 x 25 mm²				cross recess+/- G2 (M6)				
1 x 35 mm²					cross recess+/- G2 (M8)			
2 x 35 mm²						cross recess+/- G2 (M8)		
3 x 35 mm²							cross recess+/- G2 (M8)	
1 x 50 mm²								hexagonal recess SW4 (M8)
1 x 70 mm²								hexagonal recess SW4 (M10)
Outputs								
1 x 16 mm²	cross recess+/- G2 (M6)							
1 x 25 mm²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm²						cross recess+/- G2 (M6)		
3 x 16 mm²		cross recess+/- G2 (M6)						
3 x 25 mm²		cross recess+/- G2 (M6)					cross recess+/- G2 (M6)	
4 x 16 mm²			cross recess+/- G2 (M6)					
4 x 25 mm²			cross recess+/- G2 (M6)					
5 x 16 mm²				cross recess+/- G2 (M6)				
5 x 25 mm²				cross recess+/- G2 (M6)				
1 x 35 mm²					cross recess+/- G2 (M8)			
2 x 35 mm²						cross recess+/- G2 (M8)		
3 x 35 mm²							cross recess+/- G2 (M8)	
1 x 50 mm²								hexagonal recess SW4 (M8)
1 x 70 mm²								hexagonal recess SW4 (M10)

Conductor connection data WPD

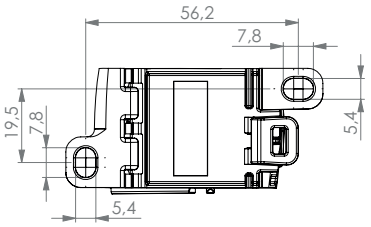
Type		Input side									
		Copper					Aluminium				
	input cross section	solid	stranded	Finely stranded with wire end ferrule	flat band	Tightening Torque	solid	stranded	flexible with ferrule	sector shape	Tightening Torque
WPD 130/230/330		35-50 mm²	3-50 mm²	35 mm²		10 Nm	35-50 mm²	35-50 mm²		35-50 mm²	14 Nm
		16-25 mm²	16-25 mm²	16-25 mm²		8 Nm	25 mm²	25 mm²			12 Nm
		6-10 mm²	6-10 mm²	4-10 mm²		6 Nm	16mm²	16 mm²		16 - 25 mm²	10 Nm
WPD 131/231		35-95 mm²	35-95 mm²	35-70 mm²		19 Nm	16-95 mm²	16-95 mm²		16-95 mm²	22.6 Nm
		10-25 mm²	10-25 mm²	10-25 mm²		14 Nm					
WPD 132/232					10 x 15.5 x 8 mm	30.9 Nm	95-185 mm²	95-185 mm²		95-185 mm²	30.9 Nm
		95-185 mm²	95-185 mm²	95-150 mm²		25 Nm					
				25-70 mm²		20 Nm					
WPD 133/233					10 x 20 x 1mm	65 Nm	150-300 mm²	150-300 mm²		150-300 mm²	65 Nm
		150-300 mm²	150-300 mm²	150-240 mm²		45 Nm					
				35-95 mm²		30 Nm					
WPD x01	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²		3.5 Nm	16-25 mm²	16-25 mm²			4 Nm
	2 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²		2.5 Nm	25 mm²	25 mm²			4 Nm
WPD x02	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²		3.5 Nm	35 mm²	35 mm²			8 Nm
							25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	2.5-16 mm²		3.5 Nm	25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
WPD x03	2 x 70 mm²	10-70 mm²	10-70 mm²	6-50 mm²		10 Nm	17mm²	17mm²			18 Nm
							50 mm²	50 mm²			10 Nm
							35 mm²	35 mm²			8 Nm
							25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
	2 x 50 mm²	6-50 mm²	6-50 mm²	4-35 mm²		6 Nm	50 mm²	50 mm²			10 Nm
							35 mm²	35 mm²			8 Nm
							25 mm²	25 mm²			6 Nm
							16 mm²	16 mm²			4 Nm
WPD x04	1 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²		2.5 Nm	16-25 mm²	16-25 mm²	16mm²	16-25 mm²	5.1 Nm
	1 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²		2.5 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm
WPD x05	1x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²		3.5 Nm	25-35 mm²	25-35 mm²	25mm²	25-35 mm²	11.3 Nm
	1 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²		2.5 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm
WPD x06	1 x 70 mm²	10-70 mm²	10-70 mm²	6-50 mm²		10 Nm	10-70 mm²	10-70 mm²	10-50 mm²	10-70 mm²	13.6 Nm
	15.5 x 5 mm				15.5 x 5 mm	2 Nm					
WPD x07	1 x 95 mm²	16-95 mm²	16-95 mm²	10-70 mm²		14 Nm	16-95 mm²	16-95 mm²	16-70 mm²	16-95 mm²	22.6 Nm
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²		3.5 Nm	16-35 mm²	16-35 mm²	16-25 mm²	16-35 mm²	11.3 Nm
WPD x08	1 x 120 mm²	35-120 mm²	35-120 mm²	25-95 mm²		19Nm	35-120 mm²	35-120 mm²	35-95 mm²	35-120 mm²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm					
WPD x09	1x 185 mm²	70-185 mm²	70-185 mm²	50-150 mm²		19 Nm	70-185 mm²	70-185 mm²	70-150 mm²	70-185 mm²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm					
WPD 111	1 x 95 mm²	16-95 mm²	16-95 mm²	10-70 mm²		14 Nm					
WPD 113	1 x 185 mm²	95-185 mm²	95-185 mm²	70-150 mm²		25 Nm					
	1 x 150 mm²	70-150 mm²	70-150 mm²	50-120 mm²		25 Nm					

Output side											Auxiliary connection			
		Copper				Aluminium								
	output cross section	solid	stranded	Finely stranded with wire end ferrule	Tightening Torque	solid	stranded	Finely stranded with wire end ferrule	sector shape	Tightening Torque	solid	stranded	Finely stranded with wire end ferrule	Tightening Torque
		35-50 mm²	35-50 mm²	35 mm²	10 Nm	35-50 mm²	35-50 mm²		35-50 mm²	14 Nm				
		16 - 25 mm²	16 - 25 mm²	16 - 25 mm²	8 Nm	25 mm²	25 mm²			12 Nm				
		6 - 10 mm²	6 - 10 mm²	4 - 10 mm²	6 Nm	16mm²	16 mm²		16 - 25 mm²	10 Nm				
		35-95 mm²	35-95 mm²	35-70 mm²	19 Nm	16-95 mm²	16-95 mm²		16-95 mm²	22.6 Nm	1.5-10 mm²	1.5-10 mm²	1.5-6 mm²	1.2 Nm
		10-25 mm²	10-25 mm²	10-25 mm²	14 Nm									
		95-185 mm²	95-185 mm²	95-150 mm²	25 Nm	95-185 mm²	95-185 mm²		95-185 mm²	30.9 Nm	1.5-10 mm²	1.5-10 mm²	1.5-6 mm²	1.2 Nm
				25-70 mm²	20 Nm									
		150-300 mm²	150-300 mm²	150-240 mm²	45 Nm	150-300 mm²	150-300 mm²		150-300 mm²	65 Nm	1.5-10 mm²	1.5-10 mm²	1.5-6 mm²	1.2 Nm
				35-95 mm²	30 Nm									
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	3.5 Nm	16-25 mm²	16-25 mm²			4 Nm				
	2 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2.5 Nm	2.5 Nm	25 mm²			4 Nm				
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²	3.5 Nm	35 mm²	35 mm²			8 Nm				
						25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	2.5-16 mm²	3.5 Nm	25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 70 mm²	10-70 mm²	10-70 mm²	6-50 mm²	10 Nm	17mm²	17mm²			18 Nm				
						50 mm²	50 mm²			10 Nm				
						35 mm²	35 mm²			8 Nm				
						25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 50 mm²	6-50 mm²	6-50 mm²	4-35 mm²	6 Nm	50 mm2	50 mm2			10 Nm				
						35 mm²	35 mm²			8 Nm				
						25 mm²	25 mm²			6 Nm				
						16 mm²	16 mm²			4 Nm				
	2 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2.5 Nm	10-16 mm²	10-16 mm²	10 mm²	10-16 mm²	5.1 Nm				
	3 x 10 mm²	1.5-10 mm²	1.5-10 mm²	1.5-16 mm²	2 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm				
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5 Nm	10-16 mm²	10-16 mm²	10 mm²	10-16 mm²	5.1 Nm				
	3 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm				
	2 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5 Nm	10-16 mm²	10-16 mm²	10 mm²	10-16 mm²	5.1 Nm				
	3 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	10 mm²	10 mm²		10 mm²	5.1 Nm				
	8 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5 Nm	16-25 mm²	16-25 mm²	16 mm²	16-25 mm²	5.1 Nm				
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²	2.5 Nm	16-35 mm²	16-35 mm²	16-25 mm²	16-35 mm²	11.3 Nm				
	4 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	1.5-16 mm²	5.1 Nm				
	3 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2 Nm	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2.5-25 mm²	5.1 Nm				
	2 x 35 mm²	4-35 mm²	4-35 mm²	2.5-25 mm²	2.5 Nm	16-35 mm²	16-35 mm²	16-25 mm²	16-35 mm²	11.3 Nm				
	4 x 16 mm²	1.5-16 mm²	1.5-16 mm²	1.5-10 mm²	2 Nm	16 mm²	16 mm²		16 mm²	5.1 Nm				
	3 x 25 mm²	2.5-25 mm²	2.5-25 mm²	1.5-16 mm²	2 Nm	16-25 mm²	16-25 mm²	16 mm²	16-25 mm²	5.1 Nm				
	4 x 35 mm²	4-35 mm²	4-35 mm²	2,5-25 mm²	6 Nm					4 Nm				
	8 x 35 mm²	4-35 mm²	4-35 mm²	2,5-25 mm²	6 Nm									

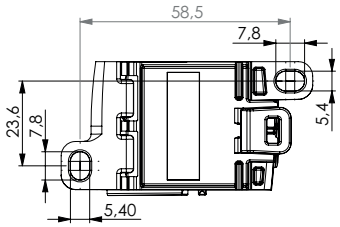
Power distribution / Power feed-in
Screw connection

Mounting

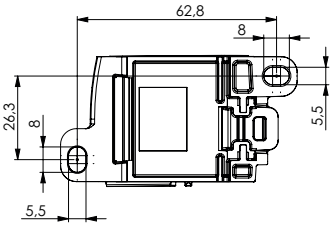
WPD 104



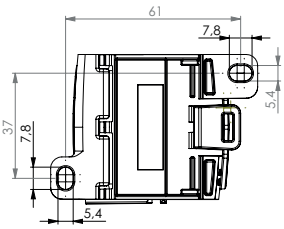
WPD 105



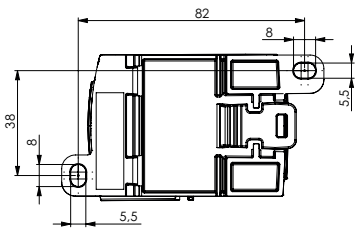
WPD 106



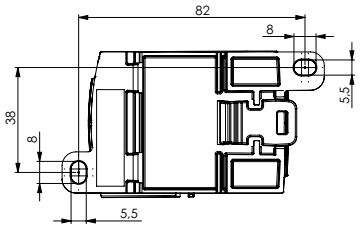
WPD 107



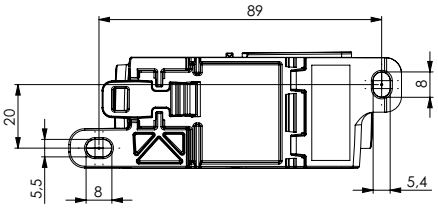
WPD 108



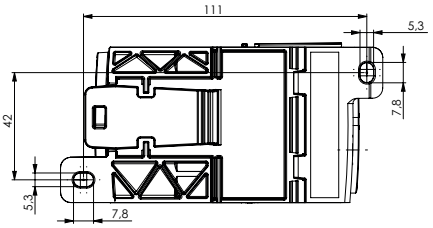
WPD 109



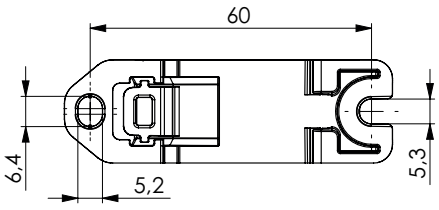
WPD 111



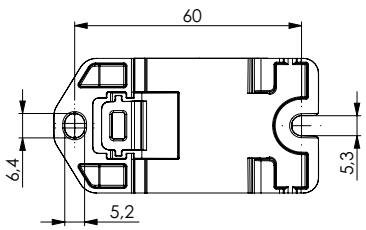
WPD 113



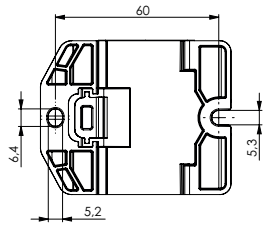
WPD 130



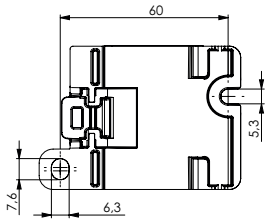
WPD 230



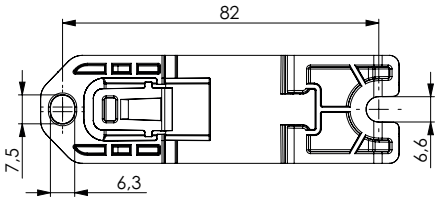
WPD 330



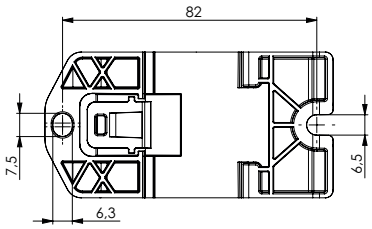
WPD 330CC



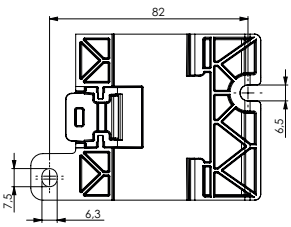
WPD 131



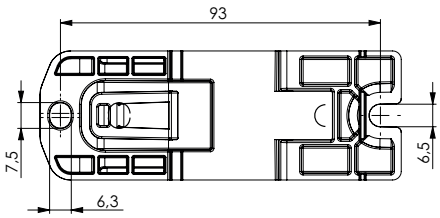
WPD 231



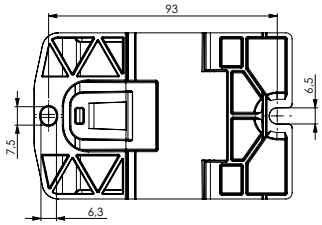
WPD 331CC



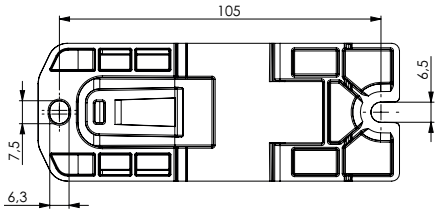
WPD 132



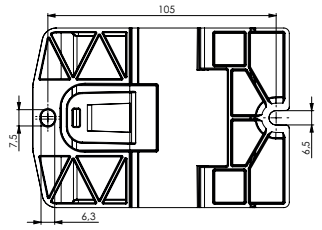
WPD 232



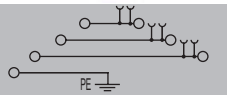
WPD 133

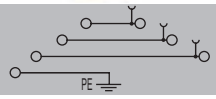


WPD 233



	AMC 2.5	2.5 mm²	AMC 2.5 800 V	2.5 mm²
Width/Height/Depth mm	5.1 x 107.5 x 88		6.1 x 107.5 x 88	
max. current / max. cond. cross-section A/mm²	22 / 2.5		22 / 2.5	
Max. clamping range mm²	0.14...2.5		0.14...2.5	





Technical data

	AMC 2.5	AMC 2.5 800 V
Rated data		
Rated voltage V	Ex eb II C Gb	Ex eb II C Gb
Rated current A	DIN EN 60947-7-1, DIN EN 60947-7-2	DIN EN 60947-7-1, DIN EN 60947-7-2
for wire cross-section mm²	II 2 G D	II 2 G D
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
690	150	150	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
	TUEV16ATEX7909U		

IEC	UL	CSA	EN 60079-7
800	600	600	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	8 kV / 3		
	A3 / V-0		
	TUEV16ATEX7909U		

Rated connection	Rated connection
0.5...2.5 / 0.5...4	0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note	

Ordering data

Version	Type	Qty.	Order No.
dark beige	AMC 2.5	50	2434340000
Note			

Type	Qty.	Order No.
AMC 2.5 800V	50	2434370000

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000
End plate				
dark beige	AEP MC 2.5		25	2433820000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000
	SNAPMARK I		50	1805880000

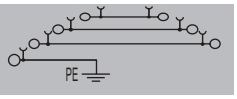
Type		Qty.	Order No.
ZVQ 2.5/1.5	24 A	50	1720700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

For detailed information on other accessories and application in the online catalogue

ZMAK 2.5 — 2.5 mm²

Motor-supply terminal

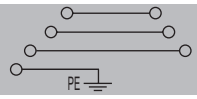
Width/Height/Depth	5.1 x 102 x 69.5 mm
max. current / max. cond. cross-section	31 / 4 A/mm²
Max. clamping range	0.13...4 mm²



ZMAK 2.5 690 V — 2.5 mm²

Motor-supply terminal

Width/Height/Depth	6.1 x 102 x 69.5 mm
max. current / max. cond. cross-section	31 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

Rated data	ZMAK 2.5	ZMAK 2.5 690 V
IEC 60947-7-1 (-7-2)		
IEC	400	690
UL	300	300
CSA	300	
EN 60079-7		
Rated voltage V	400	690
Rated current A	24	24
for wire cross-section mm²	2.5	2.5
IEC	AWG 26...12	AWG 26...12
UL	AWG 26...12	
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	CE EAC KCDR	CE EAC
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4	0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
dark beige	ZMAK 2.5	25	1768000000
Note			

Type	Qty.	Order No.
ZMAK 2.5 690V	25	1027550000

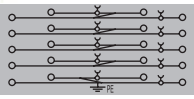
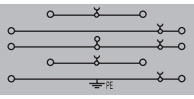
The ZMAK 2.5 690 V: with pre-assembled end plate and a width of 6.1 mm.

Accessories

	Type	Qty.	Order No.
End plate / Partition plate			
dark beige	ZAP ZMAK2.5	10	1768010000
End bracket			
dark beige	ZEW 35	20	9540000000
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	2749610000
Reducing sleeves			
for conductors < 0.5 mm² / AWG 20	ZRH 1.5H/1	1000	1678810000
for conductors < 1.0 mm² / AWG 18	ZRH 1.5H/2	1000	1678800000
Test adapter			
Standard	ZTA 1 9 A	25	1609040000
Marking tags			
	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/5 MC NE WS	720	1609860000
	DEK 5/5 MM WS	800	2007110000
	WS 8/5 MM WS	800	2007150000

	Type	Qty.	Order No.
	ZAP ZMAK2.5	10	1768010000
	ZEW 35	20	9540000000
	SDIS SLIM 0.6X3.5X100	1	2749610000
	ZRH 1.5H/1	1000	1678810000
	ZRH 1.5H/2	1000	1678800000
	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

	WDK 10 SET LS	10 mm²	WDK 10 SET BCD	10 mm²
Width/Height/Depth mm	49.5 x 85 x 69		29.7 x 85 x 69	
max. current / max. cond. cross-section A/mm²	70 / 16		70 / 16	
Max. clamping range mm²	1.5...16		1.5...16	

Technical data

Rated data					IEC 60947-7-1 (-7-2)				IEC 60947-7-1 (-7-2)			
					IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V				800	600	600		800	600	600	
Rated current	A				57	64	64		57	64	64	
for wire cross-section	mm²				10	AWG 18...6	AWG 18...6		10	AWG 18...6	AWG 18...6	
Rated impulse withstand voltage / Pollution severity						8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating						B6 / V-0				B6 / V-0		
Approvals												
Clamped conductors (H05V/H07V)					**Rated connection**		**Further connection**		**Rated connection**		**Further connection**	
Solid / Stranded	mm²				1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Flexible / Flexible with ferrule	mm²				1.5...16 / 1.5...16				1.5...16 / 1.5...16			
Tightening torque / Clamping screw	Nm				1.2...1.9 / (M 4)				1.2...1.9 / (M 4)			
Stripping length / Blade size	mm/-				12 / 1.0 x 5.5 mm				12 / 1.0 x 5.5 mm			
2 conductors with same cross-section (H05V/H07V)												
Solid / Stranded	-											
Flexible / Flexible with ferrule	-											
Note												

Ordering data

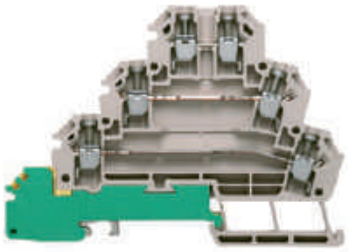
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige						
with PE foot						
dark beige / green / yellow	WDK 10 SET LS	1	1415530000	WDK 10 SET BCD	1	1415540000
Note						

Accessories

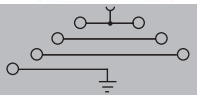
Screwable cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	WQV 10/2	76 A	50	1052560000	WQV 10/2	76 A	50	1052560000
10-pole	WQV 10/10	63 A	20	1052460000	WQV 10/10	63 A	20	1052460000
End plate / Partition plate								
dark beige	WAP WDK10		20	1186720000	WAP WDK10		20	1186720000
Blue	WAP WDK10 BL		20	1186730000	WAP WDK10 BL		20	1186730000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
dark beige, screwable								
Screwdriver								
Standard	SDS 1.0X5.5X150		1	2749380000	SDS 1.0X5.5X150		1	2749380000
Cover								
Blank, white	WAD 8 MC NE WS		48	1112940000	WAD 8 MC NE WS		48	1112940000
Blank, yellow	WAD 8 MC NE GE		48	1112950000	WAD 8 MC NE GE		48	1112950000
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
Cross-connector								
black								
blue								
red								

For detailed information on other accessories and application in the online catalogue

MAK 2.5 — 2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

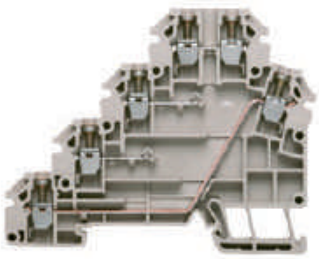
IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

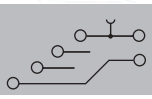
Type	Qty.	Order No.
MAK 2.5 DB	50	**7917030000**

Type	Qty.	Order No.
AP MAK2.5 DB	20	**7917000000**
WEW 35/1	50	**1059000000**
SDIS 0.6X3.5X100	1	**2749810000**
DEK 5/5 MC NE WS	1000	**1609801044**
VQB 1.5/50 SW	17.5 A 5	**1635120000**
VQB 1.5/50 BL	17.5 A 5	**1633280000**
VQB 1.5/50 RT	17.5 A 5	**1633290000**

VLI 1.5 — 1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
	4 kV / 3		
	A3 / V-0		

Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.6 / (M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
VLI 1.5 DB	50	**1784120000**
VLI 1.5/PE DB	50	**1784130000**

Type	Qty.	Order No.
AP VLI1.5 DB	20	**1784150000**
WEW 35/1	50	**1059000000**
SDIS 0.6X3.5X100	1	**2749810000**
DEK 5/5 MC NE WS	1000	**1609801044**
VQB 1.5/50 SW	17.5 A 5	**1635120000**
VQB 1.5/50 BL	17.5 A 5	**1633280000**
VQB 1.5/50 RT	17.5 A 5	**1633290000**

Safe supply to equipment in the panel

Klippon® Connect for optimum control voltage distribution

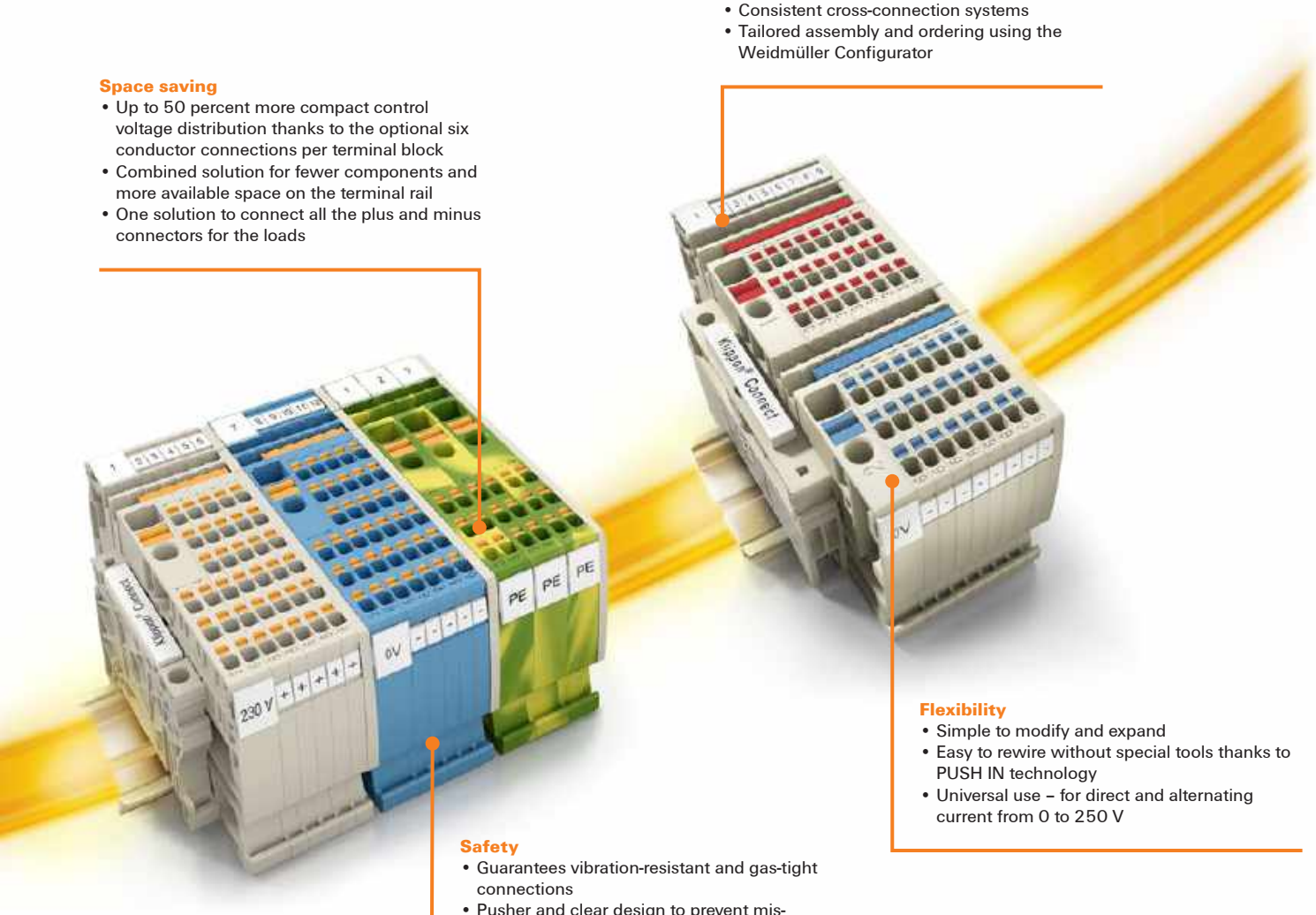
For power supplies to equipment in the panel, there is an increased risk of incorrect connections because of the large number of conductors. Our tailored AAP potential distribution terminal blocks and the maxGUARD modular system with built-in electronic load monitoring offer ideal solutions for surge current protection and clear, structured power distribution within control voltage circuits. The considerable space saving and reduced wiring means you can guarantee supply to your panel equipment simply and effectively.

Our promise

For complex wiring projects in confined spaces, we offer a future-oriented strategy for central potential distribution with direct wiring option for all the device's plus and minus potentials. This means that Klippon® Connect makes planning and implementing your control voltage distribution system considerably more productive.

Time saving
- Maximum time saving on wiring thanks to PUSH IN technology
- Consistent cross-connection systems
- Tailored assembly and ordering using the Weidmüller Configurator

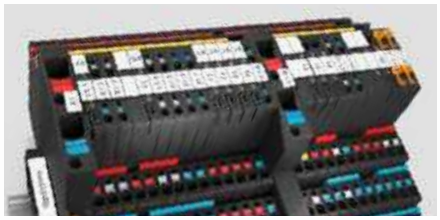
Space saving
- Up to 50 percent more compact control voltage distribution thanks to the optional six conductor connections per terminal block
- Combined solution for fewer components and more available space on the terminal rail
- One solution to connect all the plus and minus connectors for the loads



Flexibility
- Simple to modify and expand
- Easy to rewire without special tools thanks to PUSH IN technology
- Universal use – for direct and alternating current from 0 to 250 V

Safety
- Guarantees vibration-resistant and gas-tight connections
- Pusher and clear design to prevent mis-connection

Our range



Combined load monitoring and potential distribution:
maxGUARD is our unique modular system for control voltage distribution. The consistent design of the electronic load monitoring and potential distribution terminal blocks plus the simple cross-connection options save time and money and prevent mis-connections.

Simpler customised solutions:
Our assembly service for standard blocks and completed control voltage distribution systems guarantees ease of ordering and production optimisation. We create a perfect-fit solution for all of your requirements.

Individual configuration for each control cabinet type

The modular terminal block system for control voltage distribution

Professional marking
Large marking areas in combination with our marking solutions ensure precise identification of the individual terminal blocks.

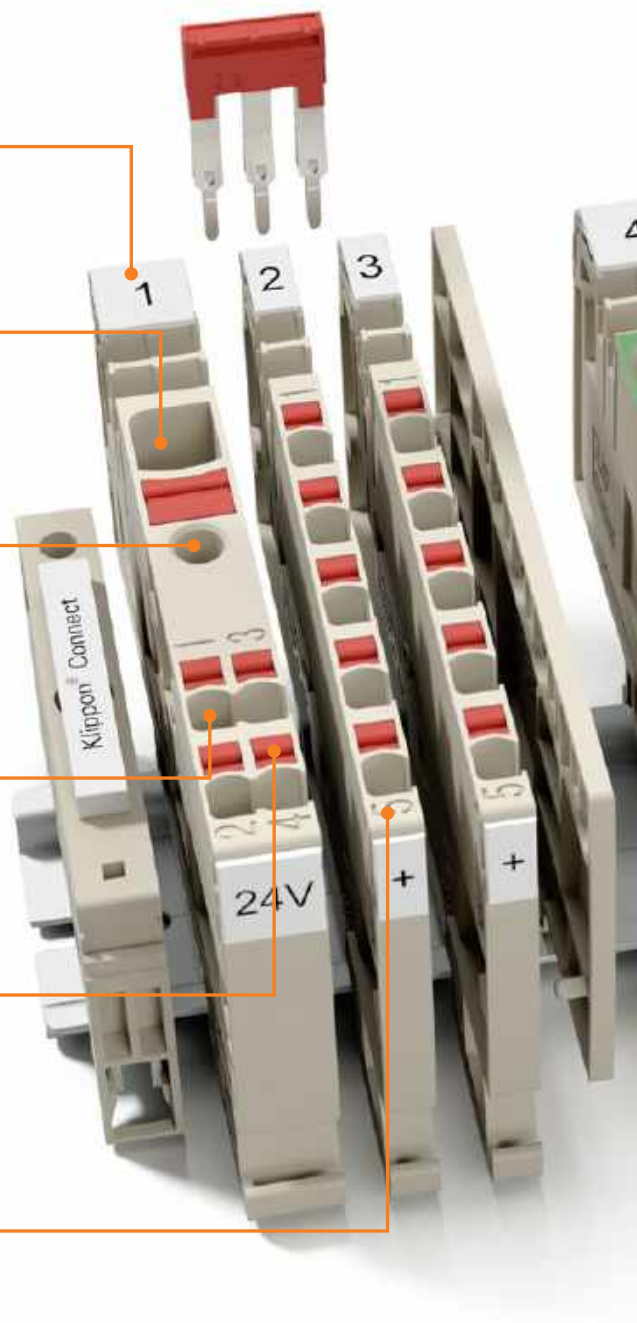
Convenient feed-in terminal block
A distinguishable power terminal offers a simple powersupply into the system.

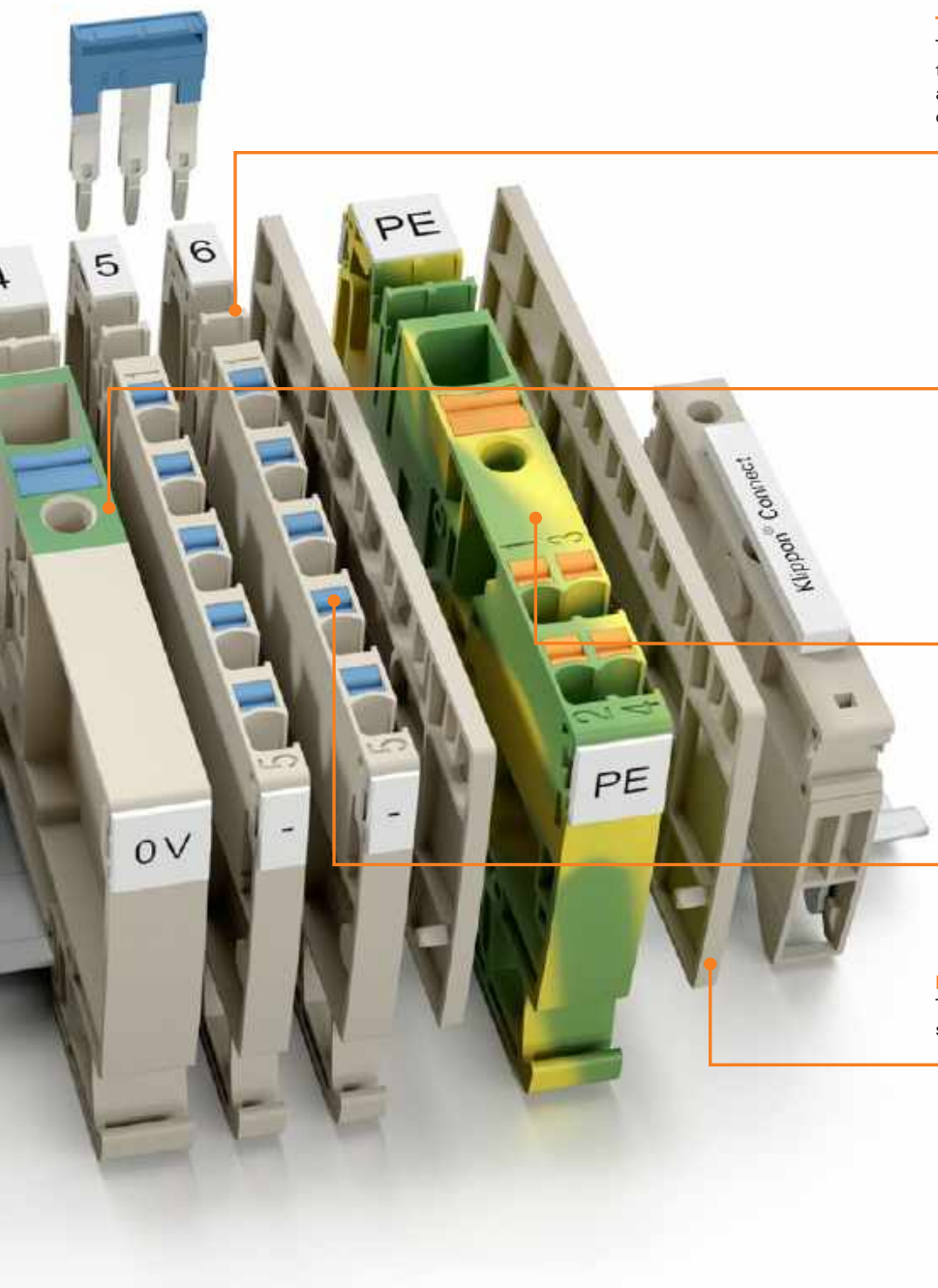
Integrated test point
The integrated test and inspection tap enables quick and easy testing with standard size 2.0 probes and test plugs.

Double connection on power feed in terminal block
Additional connections on the feed in terminal block save components and assembly time. Depending on the system structure, additional space savings of 3.5 or 5.1 mm can be achieved.

Coloured pushers
The colour coding can easily distinguish the different potentials. Oversight saves time and costs for maintenance and troubleshooting.

Distinct contact identification
Each contact point on the terminal block has a distinct mark such that it can be assigned unambiguously to the connection point in the circuit diagram.





Two cross-connection channels
The modular system allows an additional terminal block to be attached and expanded via an additional cross-connection in the second cross-connection channel.

Optional FE variants
The FE terminals have a contact to the DIN rail underneath, which serves as zero adjustment of the potentials.

PE - Protective earth terminal block
Terminal blocks for connecting protective earth conductors completes the AAP system (plus, minus and PE). The power terminals with predective conductor functions comply with the IEC 60947-7-2 standard.

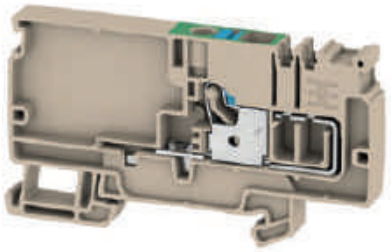
Clear distribution terminal block
Easily identifiable terminals to distribute power to individual branch circuits.

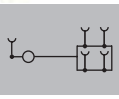
Robust end plates
The end plates ensure finger safety and separation of the different potentials.

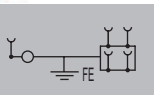
AAP - potential distribution terminal blocks

Potential distribution with separate fusing

	AAP11 6 LO	AAP11 6 FE
	6 mm²	6 mm²
Width/Height/Depth mm	8.1 x 85.5 x 47	8.1 x 85.5 x 47
max. current / max. cond. cross-section A/mm²	41 / 6	/ 6
Max. clamping range mm²	0.34...6	0.34...6







Technical data

Rated data		AAP11 6 LO	AAP11 6 FE
		In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
Rated voltage of feed-through terminal	V	500	
Rated current	A	41	
for wire cross-section	mm²	6	6
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0	A5 / V-0
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size	mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm

	IEC	UL	CSA	EN 60079-7
AAP11 6 LO	500	300	300	
	41	36	36	
	6	AWG 22...8	AWG 22...8	
AAP11 6 FE		300	300	
	6	AWG 22...8	AWG 22...8	

Note

Ordering data

Version	Type	Qty.	Order No.
beige / red pusher	AAP11 6 LO RD	20	1989780000
beige / blue pusher	AAP11 6 LO BL	20	1988130000
beige / orange pusher	AAP11 6 LO OR	20	2503650000
beige / white pusher	AAP11 6 LO WT	20	2683430000
green-yellow / orange pusher			
blue / orange pusher	AAP11 6 LO BL/OR	20	2522720000
green / orange pusher	AAP11 6 LO GN/OR	20	2718300000

Type	Qty.	Order No.
AAP11 6 FE	20	1988140000

Note

Accessories

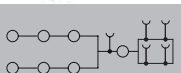
Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate / Partition plate				
	AEP AP11		20	1988320000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate / Partition plate				
	AEP AP11		20	1988320000
End bracket				
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP11 6/6X1.5 LO-LI — 6 mm²

8.1 x 85.5 x 47
41 / 6
0.34...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
41	38	38	
6	AWG 26...8	AWG 26...8	
	6 kV / 3		
	A5 / V-0		

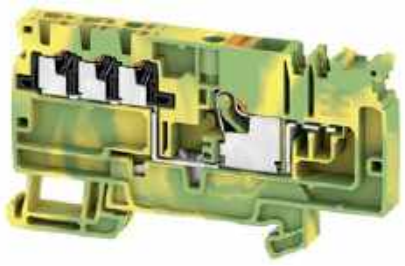
CE cULus

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

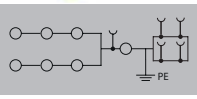
Type	Qty.	Order No.
AAP11 6/6X1.5 LO-LI RD	20	2464690000
AAP11 6/6X1.5 LO-LI BL	20	2464750000
AAP11 6/6X1.5 LO-LI OR	20	2503870000
AAP11 6/6X1.5 LO-LI WT	20	2712960000
AAP11 6/6X1.5 LO-LI BL/OR	20	2522830000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP11 6/6X1.5 PE-LI — 6 mm²



8.1 x 85.5 x 47
/ 6
0.34...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	300		
6	AWG 26...8	AWG 26...8	
	6 kV / 3		
	A5 / V-0		

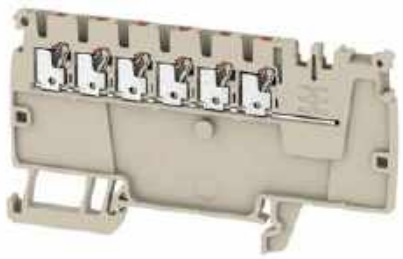
CE cULus

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

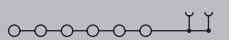
Type	Qty.	Order No.
AAP11 6/6X1.5 PE-LI	20	2464740000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP11 1.5 LI — 1.5 mm²



3.5 x 85.5 x 47
17.5 / 1.5
0.14...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		

CE cULus

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP11 1.5 LI RD	50	1988160000
AAP11 1.5 LI BL	50	1988170000
AAP11 1.5 LI OR	50	2503910000
AAP11 1.5 LI WT	50	2683440000
AAP11 1.5 LI BL/OR	50	2522870000
AAP11 1.5 LI GN/OR	50	2614100000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
SDIS 0.4X2.0X60		1	2749780000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP13 6 LO-LO	AAP13 6 FE-LO
	6 mm²	6 mm²
Width/Height/Depth mm	8.1 x 96 x 47	8.1 x 96 x 47
max. current / max. cond. cross-section A/mm²	41 / 6	41 / 6
Max. clamping range mm²	0.34...6	0.34...6

Technical data

Rated data	AAP13 6 LO-LO	AAP13 6 FE-LO
Rated voltage of feed-through terminal V	250	250
Rated current A	41	41
for wire cross-section mm²	6	6
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm

	AAP13 6 LO-LO	AAP13 6 FE-LO
In accordance with IEC 60947-7-1		
IEC	250	250
UL	150	150
CSA	150	150
EN 60079-7		

	AAP13 6 LO-LO	AAP13 6 FE-LO
In accordance with IEC 60947-7-2		
IEC	250	250
UL	150	150
CSA	150	150
EN 60079-7		

Note

Ordering data

Version	Type	Qty.	Order No.
beige / red and blue pusher	AAP13 6 LO-LO	20	1988260000
beige / orange and orange pusher	AAP13 6 FE-LO	20	1988270000

Note

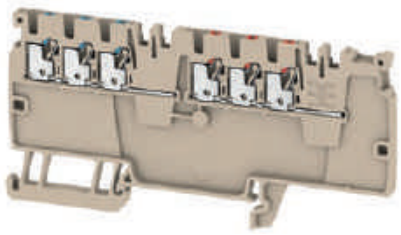
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate / Partition plate				
	AEP AP13		20	1990140000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

	Type		Qty.	Order No.
	ZQV 1.5N/2 RD	17.5 A	60	1985650000
	ZQV 1.5N/10 RD	17.5 A	20	1985800000
	ZQV 1.5N/2 BL	17.5 A	60	1985530000
	ZQV 1.5N/10 BL	17.5 A	20	1985680000
	AEP AP13		20	1990140000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	PS 2.0 MC		20	0310000000
	SDIL 1,0X5,5X125		1	2749160000
	DEK-A 5/8 MM WS		500	2448860000
	WS-A 8/8 MM WS		500	2448930000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP13 1.5 LI-LI — 1.5 mm²



3.5 x 96 x 47
16 / 1.5
0.14...1.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
16	13	13	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP13 1.5 LI-LI	50	**1988280000**

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP AP13		20	**1990140000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
SDIS 0.4X2.0X60		1	**2749780000**
WS 8/3.5 MM WS		1000	**2007140000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

AAP13 6 LO-LO OR — 6 mm²

8.1 x 96 x 47
41 / 6
0.34...6

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP13 6 LO-LO OR	20	**2623910000**

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP AP13		20	**1990140000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

AAP13 1.5 LI-LI OR — 1.5 mm²

3.5 x 96 x 47
16 / 1.5
0.14...1.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
16			
1.5			
	A1 / V-0		

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 /

Type	Qty.	Order No.
AAP13 1.5 LI-LI OR	50	**2623920000**

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
ZQV 1.5N/2 BL	17.5 A	60	**1985530000**
ZQV 1.5N/10 BL	17.5 A	20	**1985680000**
AEP AP13		20	**1990140000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
SDIS 0.4X2.0X60		1	**2749780000**
WS 8/3.5 MM WS		1000	**2007140000**
DEK 5/3.5 MM WS		1000	**2007100000**
DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

AAP – potential distribution terminal blocks

	SET AAP11 6/1.5/12C	6 mm²	SET AAP11 6/1.5/24C	6 mm²
Width/Height/Depth mm	35 x 85.5 x 47		49 x 85.5 x 47	
max. current / max. cond. cross-section A/mm²	**35 / 6**		**41 / 6**	
Max. clamping range mm²	**0.34...6**		**0.34...6**	

Technical data

	SET AAP11 6/1.5/12C	SET AAP11 6/1.5/24C
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage of feed-through terminal V	500	500
Rated current A	35	41
for wire cross-section mm²	6	6
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals	CE	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	SET AAP11 6/1.5/12C	1	**2506090000**	SET AAP11 6/1.5/24C	1	**2506370000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Tools								
Tester	ZUB MULTIMETER		1	**9205270000**	ZUB MULTIMETER		1	**9205270000**
Marking tags								
	WS 8/3.5 MM WS		1000	**2007140000**	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
	WS-A 8/8 MM WS		500	**2448930000**	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

	SET AAP13 6/1.5/12C	6 mm²	SET AAP13 6/1.5/24C	6 mm²
Width/Height/Depth mm	24.5 x 96 x 47		38.5 x 96 x 47	
max. current / max. cond. cross-section A/mm²	**41 / 6**		**41 / 6**	
Max. clamping range mm²	**0.34...6**		**0.34...6**	

Technical data

	SET AAP13 6/1.5/12C	SET AAP13 6/1.5/24C
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage of feed-through terminal V	250	250
Rated current A	41	41
for wire cross-section mm²	6	6
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals	CE	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Stripping length / Blade size mm/-	12 / 1.0 x 5.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	SET AAP13 6/1.5/12C	1	**2506340000**	SET AAP13 6/1.5/24C	1	**2506380000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**	ZQV 1.5N/2 RD	17.5 A	60	**1985650000**
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**	ZQV 1.5N/10 RD	17.5 A	20	**1985800000**
End bracket								
dark beige, screwable	AEB 35 SC/1		50	**1991920000**	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
Tools								
Tester	ZUB MULTIMETER		1	**9205270000**	ZUB MULTIMETER		1	**9205270000**
Marking tags								
	WS 8/3.5 MM WS		1000	**2007140000**	WS 8/3.5 MM WS		1000	**2007140000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**
	WS-A 8/8 MM WS		500	**2448930000**	WS-A 8/8 MM WS		500	**2448930000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP12 10 LO	AAP12 10 FE
	10 mm²	10 mm²
Width/Height/Depth mm	10 x 89 x 53.5	10 x 89 x 53.5
max. current / max. cond. cross-section A/mm²	**57 / 10**	**/ 10**
Max. clamping range mm²	**0.5...10**	**0.5...10**

Technical data

Rated data	AAP12 10 LO	AAP12 10 FE
	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
Rated voltage of feed-through terminal V	800	600
Rated current A	57	
for wire cross-section mm²	10	10
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	A6 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm

IEC	UL	CSA	EN 60079-7
800	600	600	
57	51	51	
10	AWG 20...6	AWG 20...6	

IEC	UL	CSA	EN 60079-7
	600	600	
10	AWG 20...6	AWG 20...6	

Note

Ordering data

Version	Type	Qty.	Order No.
beige / red pusher	AAP12 10 LO RD	20	1988190000
beige / blue pusher	AAP12 10 LO BL	20	1988180000
beige / orange pusher	AAP12 10 LO OR	20	2503900000
beige / white pusher	AAP12 10 LO WT	20	2683450000
green-yellow / orange pusher			
blue / orange pusher	AAP12 10 LO BL/OR	20	2522860000
green / orange pusher	AAP12 10 LO GN/OR	20	2619410000

Type	Qty.	Order No.
AAP12 10 FE	20	1988200000

Note

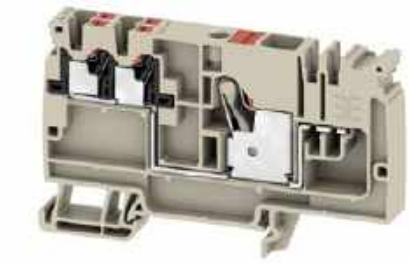
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	2108470000
10-pole / red	ZQV 2.5N/10 RD	24 A	20	2108910000
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	1527740000
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	1527880000
End plate / Partition plate				
	AEP AP12		20	1988300000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

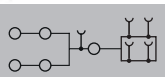
Type		Qty.	Order No.
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP12 10/4X2.5 10 LO-LI — 10 mm²



10 x 89 x 53.5
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	55	55	
10	AWG 28...6	AWG 28...6	
	8 kV / 3		
	A6 / V-0		

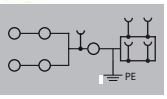
Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP12 10/4X2.5 LO-LI RD	20	2464730000
AAP12 10/4X2.5 LO-LI BL	20	2464720000
AAP12 10/4X2.5 LO-LI OR	20	2503890000
AAP12 10/4X2.5 LO-LI WT	20	2712970000
AAP12 10/4X2.5 LO-LI BL/OR	20	2522850000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP12 10/4X2.5 PE-LI — 10 mm²

10 x 89 x 53.5
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	600		
10	AWG 28...8	AWG 28...8	
	8 kV / 3		
	A6 / V-0		

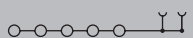
Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP12 10/4X2.5 PE-LI	20	2464710000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP12 2.5 LI — 2.5 mm²

5.1 x 89 x 53.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

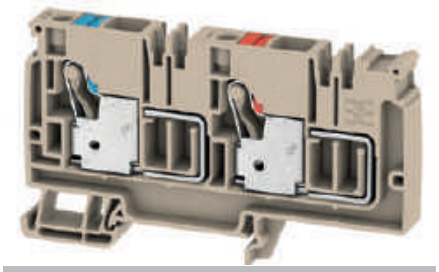
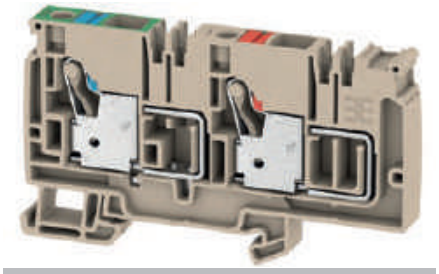
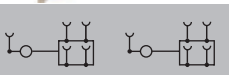
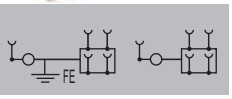
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP12 2.5 LI RD	50	1988290000
AAP12 2.5 LI BL	50	1988100000
AAP12 2.5 LI OR	50	2503880000
AAP12 2.5 LI WT	50	2683460000
AAP12 2.5 LI BL/OR	50	2522840000
AAP12 2.5 LI GN/OR	50	2614110000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP12		20	1988300000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 10/5 M PLUS MC NE WS		600	2003770000
WS 8/5 MM WS		800	2007150000

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP14 10 LO-LO	AAP14 10 FE-LO
	10 mm²	10 mm²
		
Width/Height/Depth mm	10 x 94 x 53.5	10 x 94 x 53.5
max. current / max. cond. cross-section A/mm²	57 / 10	57 / 10
Max. clamping range mm²	0.5...10	0.5...10
		

Technical data

	AAP14 10 LO-LO	AAP14 10 FE-LO
Rated data		
Rated voltage of feed-through terminal V	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
500	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
6 kV / 3			
A6 / V-0			

IEC	UL	CSA	EN 60079-7
500	150	300	
57	51	51	
10	AWG 20...6	AWG 20...6	
6 kV / 3			
A6 / V-0			

Rated connection	Rated connection
0.5...10 / 0.5...10	0.5...10 / 0.5...10
0.5...10 / 0.5...10	0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
beige / red and blue pusher	AAP14 10 LO-LO	20	1988250000

Note

Type	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	2108470000
10-pole / red	ZQV 2.5N/10 RD	24 A	20	2108910000
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	1527740000
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	1527880000
End plate / Partition plate				
	AEP AP14		20	1988340000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	2749160000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP14		20	1988340000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP14 2.5 LI-LI

2.5 mm²

5.1 x 94 x 53.5
24 / 2.5
0.14...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	150	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP14 2.5 LI-LI	50	**1988230000**

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	**2108470000**
ZQV 2.5N/10 RD	24 A	20	**2108910000**
ZQV 2.5N/2 BL	24 A	60	**1527740000**
ZQV 2.5N/10 BL	24 A	20	**1527880000**
AEP AP14		20	**1988340000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
SDIL 0,6X3,5X100		1	**2749140000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**
WS 10/5 M PLUS MC NE WS		600	**2003770000**
WS 8/5 MM WS		800	**2007150000**

AAP – potential distribution terminal blocks

SET AAP12 10/2.5/10C | **10 mm²**

Width/Height/Depth	mm	45.2 x 89 x 53.5
max. current / max. cond. cross-section	A/mm²	**48 / 10**
Max. clamping range	mm²	**0.5...10**

Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	800			
Rated current A	48			
for wire cross-section mm²	10			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0	
Approvals	CE			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...10 / 0.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10			
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
	SET AAP12 10/2.5/10C	1	**2506350000**

Note

Accessories

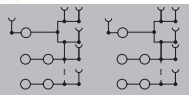
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	**2108470000**
10-pole / red	ZQV 2.5N/10 RD	24 A	20	**2108910000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Tools				
Tester	ZUB MULTIMETER		1	**9205270000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

SET AAP14 10/2.5/10C | **10 mm²**

Width/Height/Depth	mm	36.5 x 89 x 53.5
max. current / max. cond. cross-section	A/mm²	**57 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage of feed-through terminal V	500			
Rated current A	57			
for wire cross-section mm²	10			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A6 / V-0	
Approvals	CE			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...10 / 0.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10			
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
	SET AAP14 10/2.5/10C	1	**2506360000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 2.5N/2 RD	24 A	60	**2108470000**
10-pole / red	ZQV 2.5N/10 RD	24 A	20	**2108910000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Tools				
Tester	ZUB MULTIMETER		1	**9205270000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 8/5 MM WS		800	**2007150000**

For detailed information on other accessories and application in the online catalogue

AAP – potential distribution terminal blocks

Potential distribution with separate fusing

	AAP21 10 LO	AAP21 10 FE
	10 mm²	10 mm²
Width/Height/Depth mm	12 x 82 x 53.5	12 x 82 x 53.5
max. current / max. cond. cross-section A/mm²	57 / 10	/ 10
Max. clamping range mm²	0.5...10	0.5...10

Technical data

	AAP21 10 LO	AAP21 10 FE
In accordance with IEC 60947-7-1	Ex ec II C Gc II 2 G D	
In accordance with IEC 60947-7-2		Ex ec II C Gc II 2 G D
Rated data		
Rated voltage V	250	
Rated current A	57	
for wire cross-section mm²	10	10
Rated impulse withstand voltage / Pollution severity	4 kV / 3	
UL 94 flammability rating	V-0	
Approvals	TUEV17ATEX8063U	TUEV17ATEX8063U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length	18 mm	18 mm
Blade size	1.0 x 5.5 mm	1.0 x 5.5 mm
Note		

IEC	UL	CSA	EN 60079-7
AAP21 10 LO	600 (C)	600 (C)	
	51	51	57
AAP21 10 FE	AWG 20...6	AWG 20...6	10 mm²

Ordering data

Version	Type	Qty.	Order No.
beige / red pusher	AAP21 10 LO RD	20	2428910000
beige / blue pusher	AAP21 10 LO BL	20	2428940000
beige / orange pusher	AAP21 10 LO OR	20	2581690000
blue / orange pusher			
Note			

Type	Qty.	Order No.
AAP21 10 FE	20	2428920000

Accessories

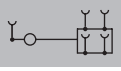
	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole/ red	ZQV 4N/2 RD	32 A	60	2460450000
10-pole / red	ZQV 4N/10 RD	32 A	20	2460740000
2-pole / blue	ZQV 4N/2 BL	32 A	60	1528040000
10-pole/ blue	ZQV 4N/10 BL	32 A	20	1528230000
End plate / Partition plate				
	AEP AP21		20	2429020000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
dark beige				
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/8 PLUS MC NE WS		800	1046350000
	WS 10/8 PLUS MC NE WS		420	1905950000

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

For detailed information on other accessories and application in the online catalogue

AAP21 10 LO — 10 mm²

12 x 82 x 53.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1 — Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57	51	51	57
10	AWG 20...6	AWG 20...6	10
4 kV / 3			
V-0			

TUEV17ATEX8063U

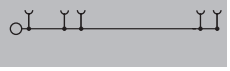
Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 mm
1.0 x 5.5 mm

Type	Qty.	Order No.
AAP21 10 LO BL/OR	20	2581800000

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

AAP21 4 LI — 4 mm²

6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1 — Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm²
4 kV / 3			
V-0			

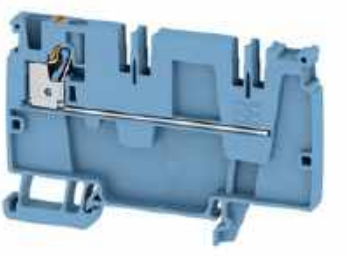
TUEV17ATEX8063U

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 mm
0.6 x 3.5 mm

Type	Qty.	Order No.
AAP21 4 LI RD	50	2428930000
AAP21 4 LI BL	50	2428960000
AAP21 4 LI OR	50	2581700000

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
WS 8/6 MM WS		600	2007160000

AAP21 4 LI — 4 mm²



6.1 x 82 x 53.5
32 / 4
0.14...4

In accordance with IEC 60947-7-1 — Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm²
4 kV / 3			
V-0			

TUEV17ATEX8063U

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 mm
0.6 x 3.5 mm

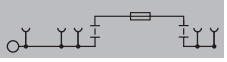
Type	Qty.	Order No.
AAP21 4 LI BL/OR	50	2582530000

Type		Qty.	Order No.
ZQV 4N/2 RD	32 A	60	2460450000
ZQV 4N/10 RD	32 A	20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
WS 8/6 MM WS		600	2007160000

AAP – potential distribution terminal blocks

AAP21 4 FS — 4 mm²

Width/Height/Depth	6.1 x 82 x 82
max. current / max. cond. cross-section	**6.3 / 4**
Max. clamping range	**0.14...4**



AAP21 4 DT — 4 mm²

Width/Height/Depth	6.1 x 82 x 55
max. current / max. cond. cross-section	**20 / 4**
Max. clamping range	**0.14...4**

Technical data

Rated data					
Rated voltage	V	250	150 (C)		
Rated current	A	6.3	10		6.3
for wire cross-section	mm²	4	AWG 26...10		4 mm²
Rated impulse withstand voltage / Pollution severity			4 kV / 3		
UL 94 flammability rating			V-0		
Approvals					TUEV17ATEX8064U
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Stripping length		12 mm			
Blade size		0.6 x 3.5 mm			
Note					

In accordance with IEC 60947-7-3: Ex ec II C Gc II 2 G D

Rated data					
Rated voltage	V	250	150 (C)	150 (C)	
Rated current	A	20	20	20	19
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	4 mm²
Rated impulse withstand voltage / Pollution severity			4 kV / 3		
UL 94 flammability rating			V-0		
Approvals					TUEV16ATEX7939U
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Stripping length		12 mm			
Blade size		0.6 x 3.5 mm			
Note					

In accordance with IEC 60947-7-1: Ex ec II C Gc II 2 G D

Ordering data

Version	Type	Qty.	Order No.
beige / red pusher, 250 V AC/DC, without LED	AAP21 4 FS	50	**2428950000**
beige / red pusher, 10-36 V AC/DC, with LED	AAP21 4 FS 10-36V	50	**2458990000**
beige / red pusher, 30-70 V AC/DC, with LED	AAP21 4 FS 30-70V	50	**2460200000**
beige / red pusher, 60-150 V AC/DC, with LED	AAP21 4 FS 60-150V	50	**2460190000**
beige / red pusher, 100-250 V AC/DC, with LED	AAP21 4 FS 100-250V	50	**2460180000**
beige / orange pusher, 250 V AC/DC, without LED	AAP21 4 FS OR	50	**2581720000**
beige / orange pusher, 100-250 V AC/DC, with LED	AAP21 4 FS 100-250V OR	50	**2581790000**
beige / blue pusher			
beige / orange pusher			
blue / orange pusher			
Note			

Type	Qty.	Order No.
AAP21 4 DT	50	**2428980000**
AAP21 4 DT OR	50	**2581710000**
AAP21 4 DT BL/OR	50	**2582520000**

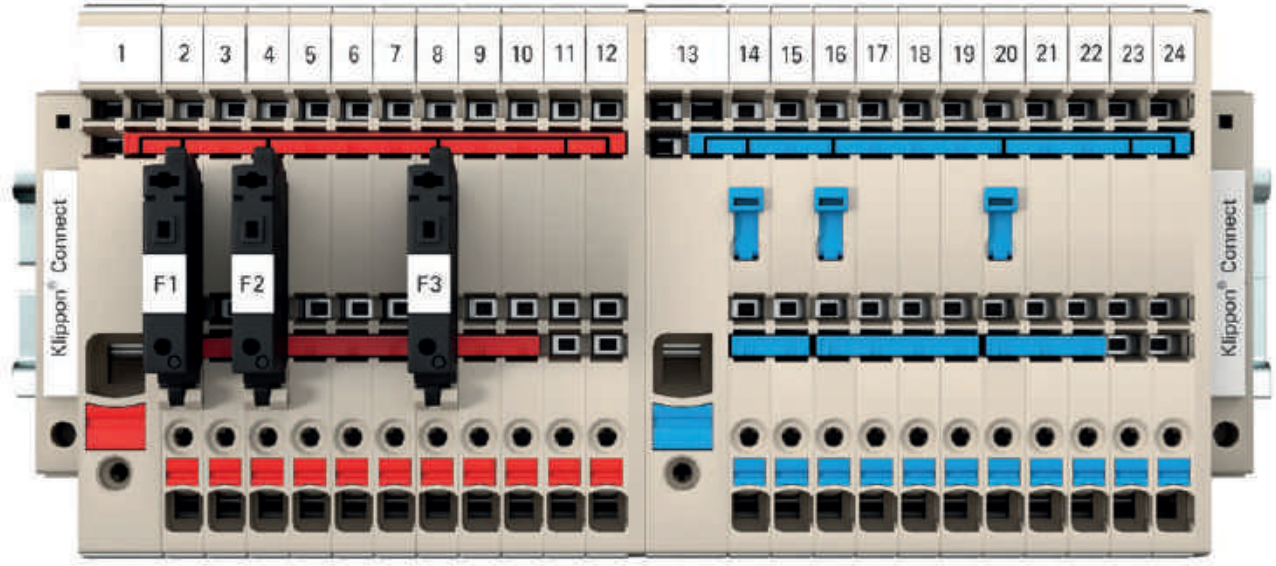
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 4N/2 RD	32 A	60	**2460450000**
10-pole / red	ZQV 4N/10 RD	32 A	20	**2460740000**
2-pole / blue				
10-pole/ blue				
End plate / Partition plate				
	AEP AP21		20	**2429020000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	DEK 5/6 MM WS		600	**2007120000**
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
For detailed information on other accessories and application in the online catalogue				

Type		Qty.	Order No.
ZQV 4N/2 BL	32 A	60	**1528040000**
ZQV 4N/10 BL	32 A	20	**1528230000**
AEP AP21		20	**2429020000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
SDIL 0,6X3,5X100		1	**2749140000**
WS 10/6 M PLUS MC NE WS		600	**2003780000**
DEK 5/6 MM WS		600	**2007120000**
WS 8/6 MM WS		600	**2007160000**
DEK 5/6 PLUS MC NE WS		1000	**1011320000**

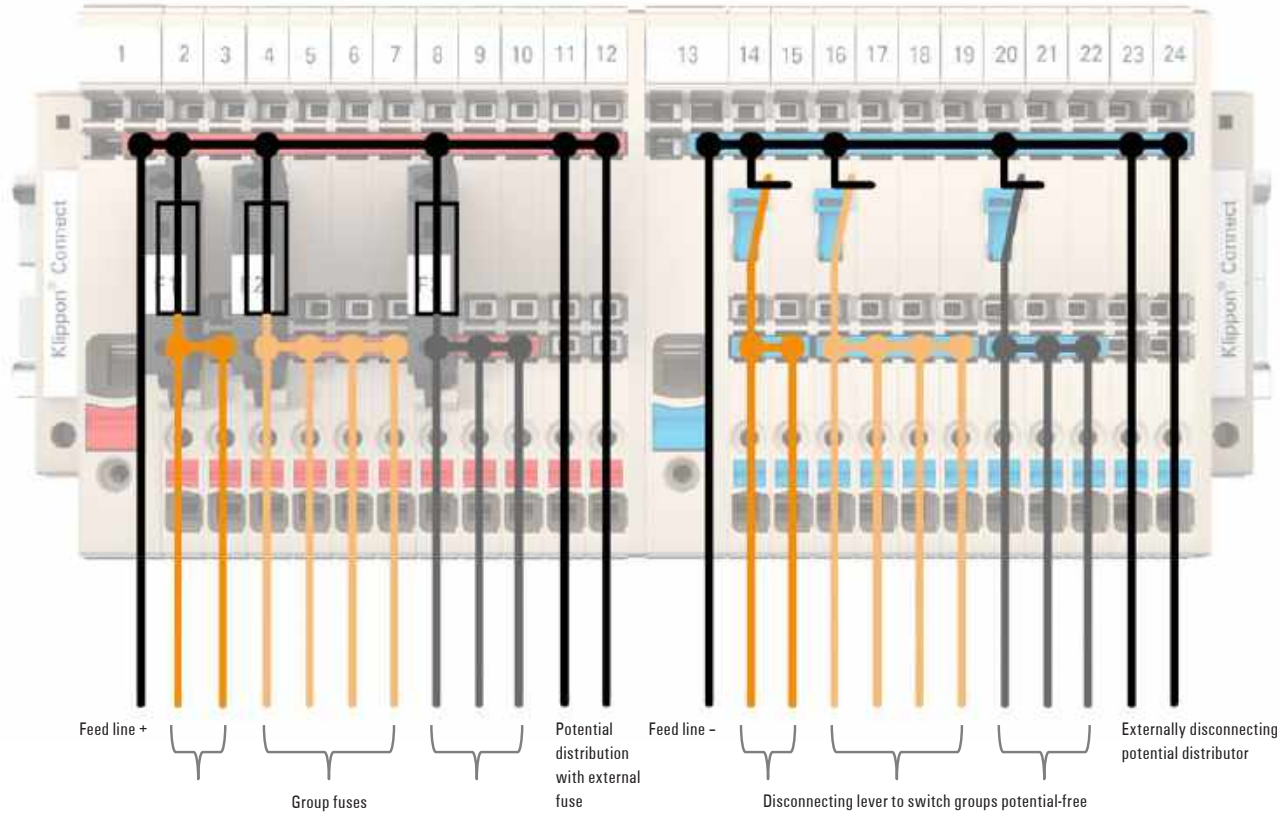
Clear, compact construction of control voltage distribution

Example configuration of potential distribution terminal block with fusing



- Group fusing through breakaway of individual poles in the cross-connections
- Groups can be switched potential-free via a disconnector
- Direct potential distribution possible without fusing within the structure

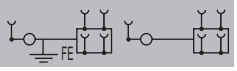
Schematic representation of circuit diagram



AAP - potential distribution terminal blocks

Potential distribution with integrated fusing

	AAP22 10 LO-LO	AAP22 10 FE-LO
	10 mm²	10 mm²
Width/Height/Depth mm	12 x 129 x 53.5	12 x 129 x 53.5
max. current / max. cond. cross-section A/mm²	**57 / 10**	**17 / 10**
Max. clamping range mm²	**0.5...10**	**0.5...10**



Technical data

	AAP22 10 LO-LO	AAP22 10 FE-LO
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-2
Rated voltage V	IEC: 250 / UL: 150 / CSA: 150 / EN 60079-7	IEC: 250 / UL: 150 / CSA: 150
Rated current A	IEC: 57 / UL: 51 / CSA: 51	IEC: 57 / UL: 51 / CSA: 51
for wire cross-section mm²	IEC: 10 / UL: AWG 20...6 / CSA: AWG 20...6	IEC: 10 / UL: AWG 20...6 / CSA: AWG 20...6
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0	A6 / V-0
Number of operating cycles		
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Stripping length / Blade size mm/-	18 / 1.0 x 5.5 mm	18 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
beige / red and blue pusher	AAP22 10 LO-LO	20	**2428990000**
Note			

Type	Qty.	Order No.
AAP22 10 FE-LO	20	**2429000000**

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 4N/2 RD	32 A	60	**2460450000**
10-pole / red	ZQV 4N/10 RD	32 A	20	**2460740000**
2-pole / blue	ZQV 4N/2 BL	32 A	60	**1528040000**
10-pole/ blue	ZQV 4N/10 BL	32 A	20	**1528230000**
End plate / Partition plate				
	AEP AP22		20	**2429040000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

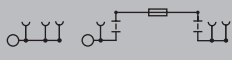
Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 4N/2 RD	32 A	60	**2460450000**
10-pole / red	ZQV 4N/10 RD	32 A	20	**2460740000**
2-pole / blue	ZQV 4N/2 BL	32 A	60	**1528040000**
10-pole/ blue	ZQV 4N/10 BL	32 A	20	**1528230000**
End plate / Partition plate				
	AEP AP22		20	**2429040000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 1,0X5,5X125		1	**2749160000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

AAP - potential distribution terminal blocks

AAP22 4 LI-FS | **4 mm²**

Width/Height/Depth	6.1 x 129 x 82 mm
max. current / max. cond. cross-section	6.3 / 4 A/mm²
Max. clamping range	0.14...4 mm²



In accordance with IEC 60947-7-1, Ex ec II C Gc II
In accordance with IEC 60947-7-3 2 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal V	500	300 (D)		
Rated current A	6.3	10		6.3
for wire cross-section mm²	4	AWG 26...10		4 mm²
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
UL 94 flammability rating		V-0		
Approvals				TUEV17ATEX8064U

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4
Stripping length	12 mm
Blade size	0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
250 V AC/DC, without LED	AAP22 4 LI-FS	50	2429010000
10–36 V AC/DC, with LED	AAP22 4 LI-FS 10-36V	50	2459010000
30–70 V AC/DC, with LED	AAP22 4 LI-FS 30-70V	50	2460140000
60–150 V AC/DC, with LED	AAP22 4 LI-FS 60-150V	50	2460130000
100 – 250 V AC/DC, with LED	AAP22 4 LI-FS 100-250V	50	2460120000

Note

Accessories

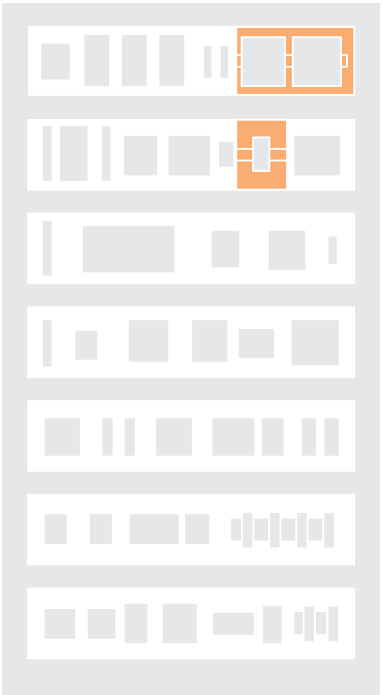
Plug-in cross-connection	Type		Qty.	Order No.
2-pole / blue	ZQV 4N/2 BL	32 A	60	1528040000
10-pole/ blue	ZQV 4N/10 BL	32 A	20	1528230000
2-pole/ red	ZQV 4N/2 RD	32 A	60	2460450000
10-pole / red	ZQV 4N/10 RD	32 A	20	2460740000
End plate / Partition plate				
	AEP AP22		20	2429040000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	2003780000
	DEK 5/6 MM WS		600	2007120000
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000

For detailed information on other accessories and application in the online catalogue

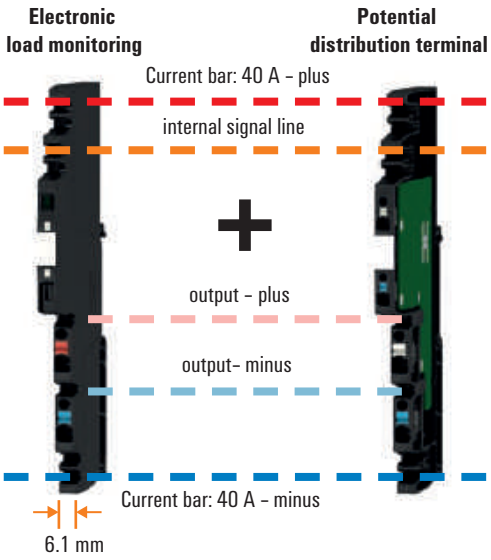
Control current distribution further developed

Load monitoring and potential distribution in one overall solution

New ways in the control current distribution increase the efficiency in the operation of machines and plants. The combination of load monitoring and potential distribution terminals saves up to 50 % space and up to 20 % wiring costs, while the free combinability of numerous single-channel and four-channel variants optimizes material costs. Benefit from the advantages of a modular system that offers you high flexibility and adapts optimally to any application.



Combination of load monitoring and potential distribution



- Three main connection channels: positive, negative and internal signals
- Simple to increase the number of contacts thanks to crossconnection option in the potential distribution terminals

Intelligent protection of DC loads

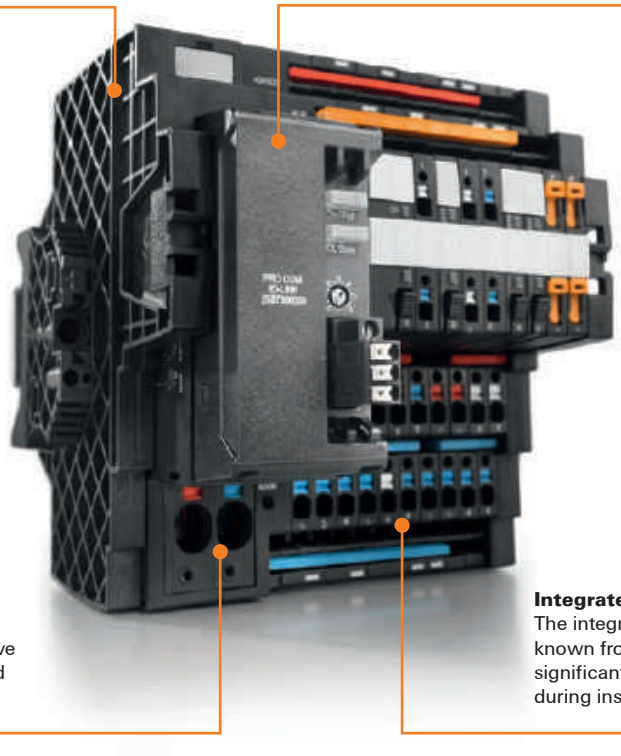
topGUARD load monitoring system with communication via IO-LINK

Modern machines and plants require load monitoring systems capable of communication. The IO-Link-capable load monitoring system topGUARD offers remote control options, full data transparency, and reliable protection of the 24 V system voltage.

topGUARD is an outstanding supplement to the IO-LINK-capable PROtop power supplies for innovative power management systems. It saves space and time during device installation through an innovative approach to integrated distribution of potential. Parameterisation, control, and provision of all operating data are carried out by plugging in the IO-Link module and integrating an IODD file. The module can be used for PROtop power supplies as well as for topGUARD load monitoring.

IO-LINK capable
The IO-Link-capable load monitoring system topGUARD offers remote control options, provides operating data for optimal condition monitoring, and enables entirely new control solutions.

Data transparency and remote control thanks to IO-LInk.



Modular and innovative
The modular concept enables custom-fit solutions. The first of its kind, voltage-adaptive class 2 load monitoring allows the continued use of 18 to 30 V DC operating voltage.

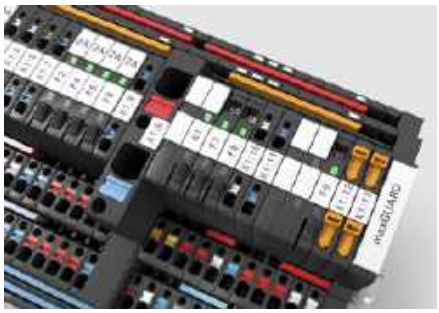
Integrated distribution of potential
The integrated distribution of potential, well known from the maxGUARD concept, takes up significantly less space and saves valuable time during installation.

Load monitoring and potential distribution in one complete solution

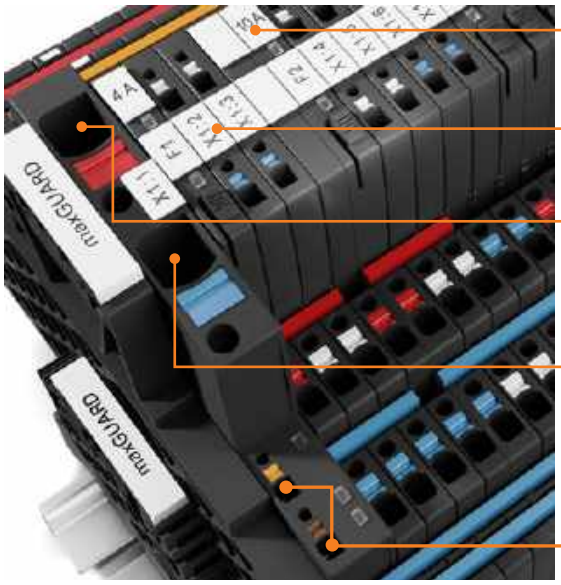
maxGUARD – taking control voltage distribution to a new level

Fail-safe and maintenance-friendly control voltage distributions that can be installed in a time- and space-saving manner are a must for efficient machine and facility operation. With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution solution. The new combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50 %.

Extreme ease of servicing
Sophisticated operating, testing and connection elements permit safe access to all voltage potentials and load circuits during commissioning and maintenance.



Sophisticated arrangement of connections and markers ensures clarity



Markers for current strength

Continuous marker channel for equipment ID

Supply terminal (positive): 16 mm²

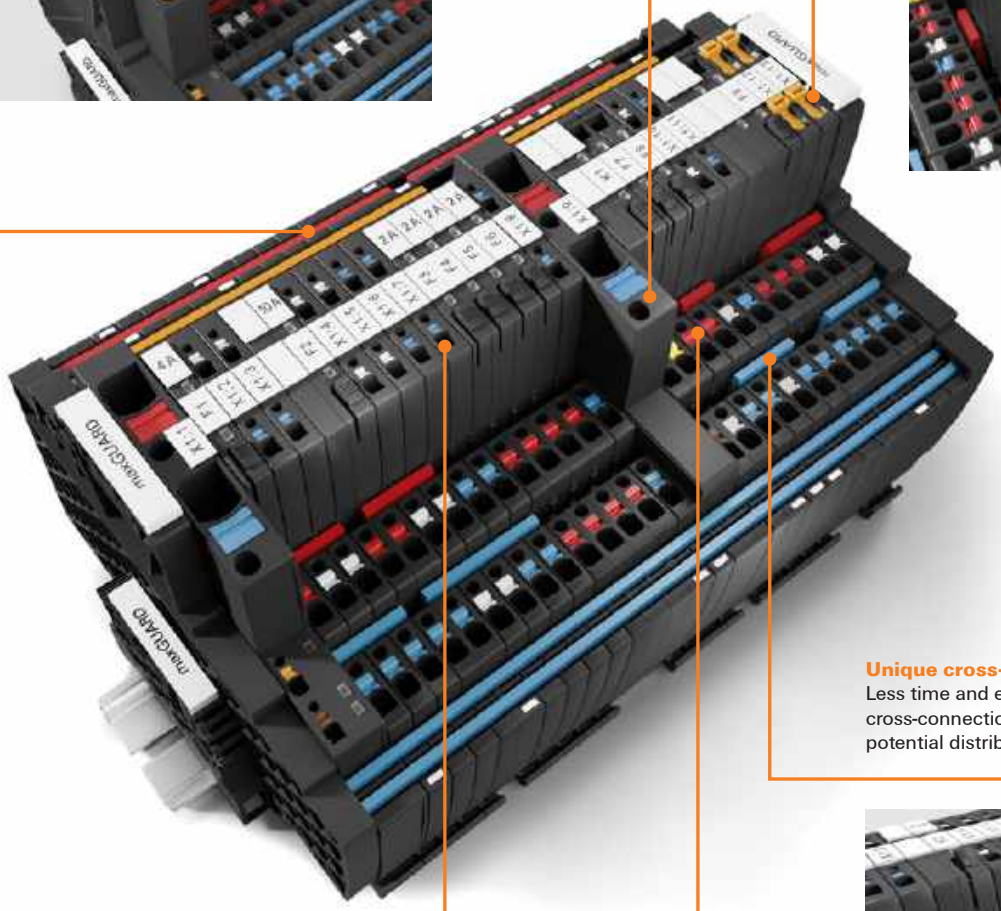
Supply terminal (negative): 16 mm²

Reset input and alarm output for connecting to the PLC

now up to 70°C usable

Integrated test point
Consistently integrated test points in the maxGUARD control voltage distribution's input and output speed up troubleshooting operations.

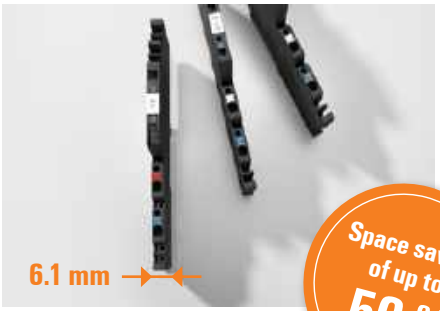
Practical disconnecting lever
Potential distributor with a disconnecting lever for simple galvanic isolation of the load circuit for testing and checking purposes.



Unique cross-connectors
Less time and effort needed for wiring due to cross-connections between load monitoring and potential distribution terminals.

Time saving of up to 20 %

Particularly space-saving
Electronic load monitors and potential distributors with a 6.1 mm pitch.



Space saving of up to 50 %

Can be used in a customised way
The sheer range of variants and the very different potential distribution terminals and additional components enable customised solutions at all times.

maxGUARD – product overview

Flexible and modular design

Supply terminals, control and alarm modules

Supply terminal
16 mm²
Passive

Supply terminal
16 mm²
With alarm and reset function

Control module
Alarm
Reset
I>90 %
ON/OFF

Alarm module
Potential-free contacts for alarm
I>90 %

Electronic load monitoring

Fixed-value modules
1 / 2 / 4 / 6 A
6.1 mm housing
8 A / 10 A
12.2 mm housing

Adjustable module
1 - 2 - 3 - 4 - 6 A
6,1 mm housing
4 - 6 - 8 - 10 - 12 A
12,2 mm housing
10 - 12 - 14 - 16 - 18 A
12,2 mm housing

Adjustable module
0,1...1A
6,1 mm housing
with current limiting function

Power-feed, control and alarm module

Alarm module with potential-free contacts for the "Alarm" and " I > 90 %" signals.
Control module with extended control function.
Passive or active power-feed module with reset and alarm function

Type	Order No.
AMG FIM-O	2081870000
AMG FIM-C	2081880000
AMG FIM-O EX	2082530000
AMG FIM-C EX	2082540000
AMG CM	2081900000
AMG CM EX	2083360000
AMG AM	2081890000
AMG AM CO	2082770000

Load monitoring (fixed value)

Electronic load monitoring with fixed current
(without I > 90 % function)

Type	Order No.
AMG ELM-1F	2080420000
AMG ELM-1F EX	2082040000
AMG ELM-2F	2080480000
AMG ELM-2F EX	2082050000
AMG ELM-4F	2080490000
AMG ELM-4F EX	2082060000
AMG ELM-6F	2080500000
AMG ELM-6F EX	2082310000
AMG ELM-8F	2080600000
AMG ELM-8F EX	2082320000
AMG ELM-10F	2080650000
AMG ELM-10F EX	2082430000

Load monitoring adjustable

Electronic load monitoring with adjustable triggering current and triggering characteristic
(with I > 90 % function)

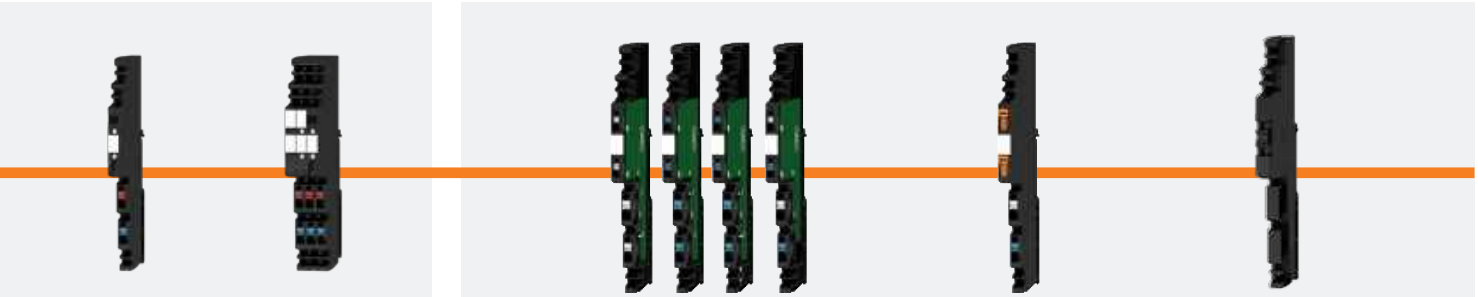
Type	Order No.
AMG ELM-6	2080360000
AMG ELM-6 EX	2082000000
AMG ELM-12	2080410000
AMG ELM-12 EX	2082010000
AMG ELM-18	2859800000
AMG ELM-18 EX	2838520000

Load monitoring adjustable

Load monitoring device with adjustable tripping current und current limiting function (with I > 90 % function)

Type	Order No.
AMG ELM-1 LIM CL2 EX	2838530000

Potential distribution and accessories



Fixed-value modules
1 / 2 / 4 A
Class 2
6.1 mm housing

Adjustable modules
with 2-pole output relay
1 - 2 - 3 - 4 - 6 A
18.3 mm housing
4 - 6 - 8 - 10 A
18.3 mm modules

Modules for potential distribution
AMG OD: 2 x Plus, 2 x Minus
AMG PD: 4 x Plus
AMG MD: 4 x Minus
AMG XMD: 4 x Minus (direct)

Terminal block
for all pole disconnection
of the load
AMG DIS

Isolating plate, end plate
and bracket
for isolation, structuring and
proper fit
of the DC station

Load monitoring (fixed value)
Class 2

Electronic load monitoring with fixed rated current
(without I > 90 % pre warning)
Class 2 Approval

Type	Order No.
AMG ELM-1F CL2	**2491270000**
AMG ELM-2F CL2	**2491280000**
AMG ELM-4F CL2	**2491290000**

Load monitoring with relay

Electronic load monitoring with 2-pole output relay for allpole load disconnection; triggering current and triggering characteristic adjustable
(with I > 90 % function)

Type	Order No.
AMG ELM-6D CO	**2082440000**
AMG ELM-10D CO	**2082470000**

Potential distributor

Flexible application through various potential distributor.

Type	Order No.
AMG MD	**2122930000**
AMG MD EX	**2495040000**
AMG OD	**2122910000**
AMG OD EX	**2495090000**
AMG PD	**2122920000**
AMG PD EX	**2495070000**
AMG XMD	**2122940000**
AMG XMD EX	**2495080000**
AMG DIS	**2123050000**
AMG DIS EX	**2495100000**

End plate and Separation plate

End plate for mechanical stabilization.
Separation plate for logical subdivision.

Type	Order No.
AMG PP	**2123000000**
AMG EP	**2495380000**
AMG EP KIT	**2500760000**

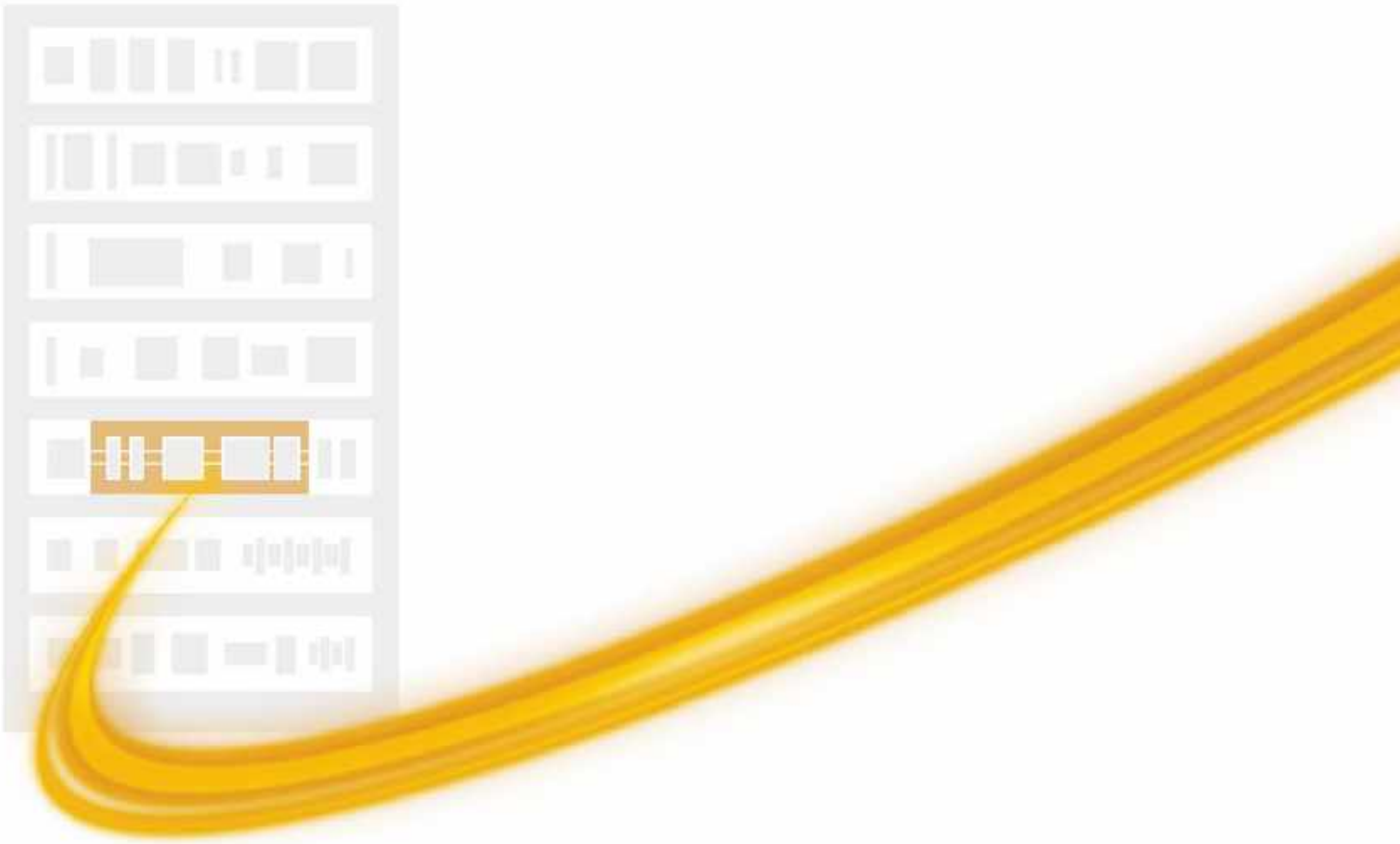
Efficient implementation of testing and measurement switchgear

Safe and thorough with Klippon® Connect

In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.

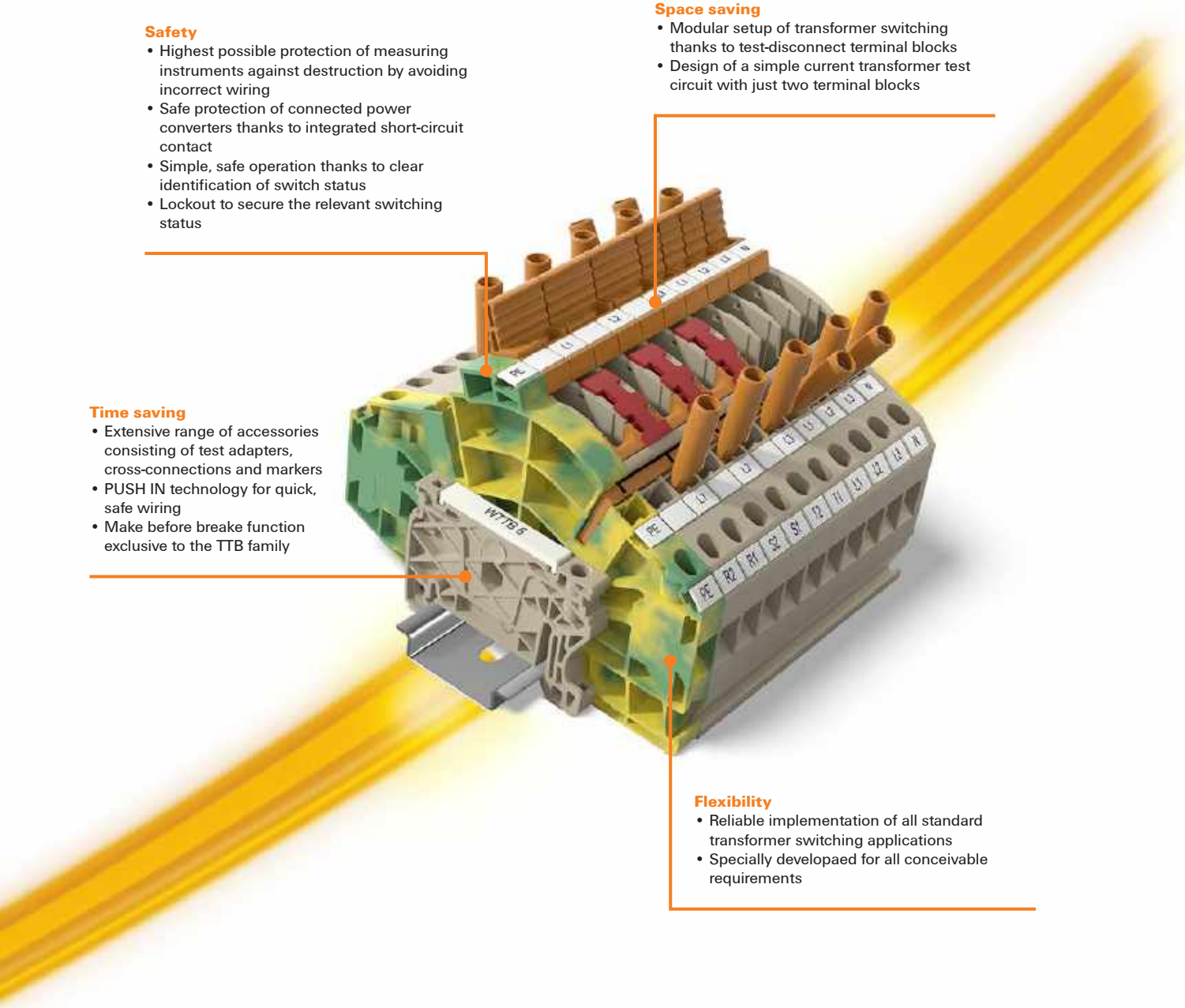
Our promise

The sophisticated features and proven connection technologies means Klippon® Connect solves testing and measurement issues more safely and efficient. Our extensive portfolio provides flexibility and productivity at all stages of the process.



Safety
- Highest possible protection of measuring instruments against destruction by avoiding incorrect wiring
- Safe protection of connected power converters thanks to integrated short-circuit contact
- Simple, safe operation thanks to clear identification of switch status
- Lockout to secure the relevant switching status

Space saving
- Modular setup of transformer switching thanks to test-disconnect terminal blocks
- Design of a simple current transformer test circuit with just two terminal blocks



Time saving
- Extensive range of accessories consisting of test adapters, cross-connections and markers
- PUSH IN technology for quick, safe wiring
- Make before breake function exclusive to the TTB family

Flexibility
- Reliable implementation of all standard transformer switching applications
- Specially developaed for all conceivable requirements

Our range

Simple operation to prevent errors:
With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and cost-effectively. The screws connecting the conductors are only accessible after the current transformer has been short-circuited using the short-circuit slider. This ensures safety as it prevents accidental short-circuiting or opening of the converter circuit.

Screwless and simple:
Our test-disconnect terminal blocks with PUSH IN and tension clamp technology are the ideal solution to establishing switching circuits for measurement tasks. The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.

Klippon® Connect TTB Range for instrument transformer wiring

Ensuring safety of personnel and devices

In T&D applications, current and voltage transformers are mainly used for protection and measurement functions. Our new TTB range of Klippon® Connect instrument transformer terminal blocks have been designed to meet all the connection requirements of these two critical applications.

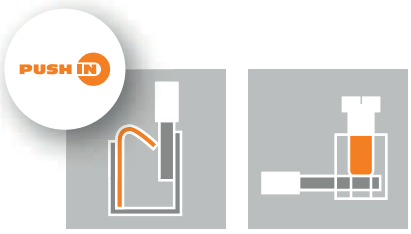
The wiring of current and voltage transformers can be carried out particularly easily and safely with the new terminal block series – even within complex circuits. The prevention of operating errors during operation increases plant availability and extends the life cycle of the entire control cabinet. Thus, the respective requirements of the end user are fulfilled to the highest degree.

Captive components
All function- and safety-relevant components are captively connected to the terminal block. This increases the reliability of the current and voltage transformer circuits during installation and maintenance work.

Data-supported accessory selection via WMC
The complete provision of data in the Weidmüller Configurator (WMC) enables a particularly simple selection of safety-critical accessories as well as safe and rational product configuration.

Unique lever mechanism
The unique lever mechanism is particularly user-friendly. It offers maximum contact reliability and can be optimally operated under all lighting conditions. The disconnect lever can be operated either manually or with a standard screwdriver. It a lso offers an easy possibility to implement multi-pole actuations.

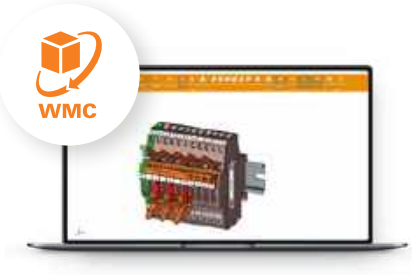
Free choice of connection technology
The TTB range terminal blocks and their accessories are highly standardised. All features can be used regardless of the chosen connection solution – whether PUSH IN or screw connection.



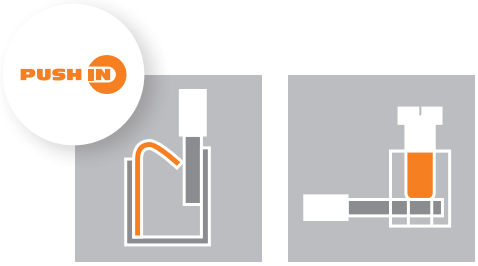
Unique features giving added value throughout the complete process

From planning through installation and operation

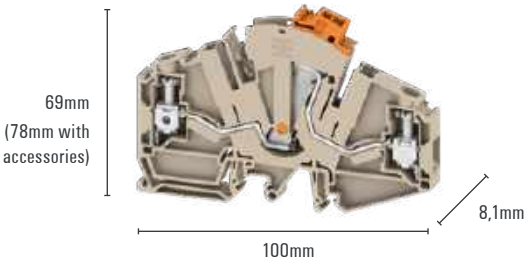
Data-supported accessory selection via WMC
The complete provision of data in the Weidmüller Configurator (WMC) enables a particularly simple selection of safety-critical accessories as well as safe and rational product configuration.



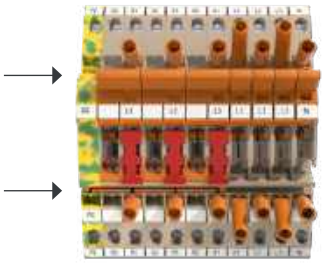
Free choice of connection technology
The TTB range terminal blocks and their accessories are highly standardised. All features can be used regardless of the chosen connection solution – whether PUSH IN or screw connection.



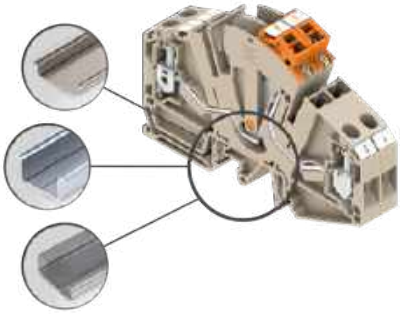
Maximum function density
The new transformer terminal blocks of the TTB range are particularly compact and offer an outstanding functional density compared to other solutions on the market.



PE terminal with identical contour
The new TTB range includes a PE terminal block having the same contour. It can be connected to the current or voltage transformer terminal via standard cross-connections. This simplifies and accelerates the earthing of star points in the control cabinet.

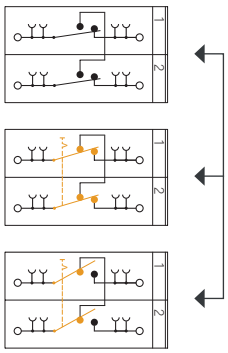


Dedicated cross-connection channel
A cross-connection channel, upstream and downstream the disconnect point, ensures maximum flexibility during installation. Neither the short-circuit function of current transformers nor the testing possibilities are limited. In this way, even more complex circuit requirements can be realised with the same standardised accessories.



Easy to install (for WTTB 6 and HTTB 6)
The integrated combi-foot simplifies flexible mounting on the common G32 and TH35 mounting rail profiles. The product replacement therefore can be carried out without the cost-intensive exchange of the mounting rails.

Unique lever mechanism
The unique lever mechanism is particularly user-friendly. It offers maximum contact reliability and can be optimally operated under all lighting conditions. The disconnect lever can be operated either manually or with a standard screwdriver. It also offers an easy possibility to implement multi-pole actuations.



New forced short circuit functionality
The combination of isolating lever, short circuit bridge, and lever link in a single system guarantees that the secondary wiring of a current transformer is short-circuited before the longitudinal disconnection takes place. This „Make Before Break“ contact can be realised for up to four terminals.

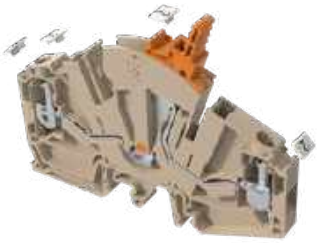
Unique features giving added value throughout the complete process

From planning through installation and operation

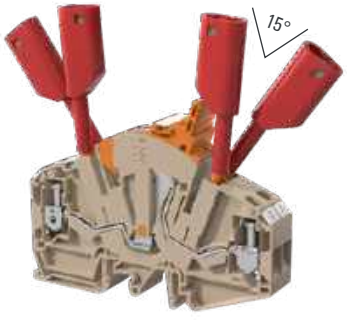
Reliable comparative measurement
A patented CM (Comparative Measurement) lever link allows two terminal blocks to be selectively separated to connect a calibrated measuring device. After the measurement, the captive lever is returned to its original position, with the „make before break“ contact remaining active. This is a unique feature of the TTB range which guarantees maximum safety for personnel and asset preservation.

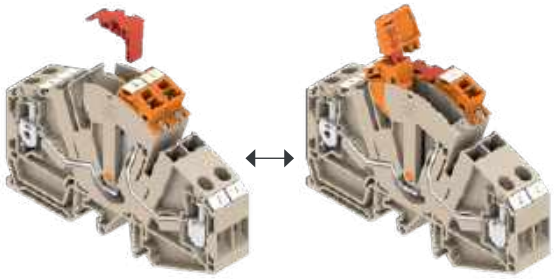
Captive components
All function- and safety-relevant components are captively connected to the terminal block. This increases the reliability of the current and voltage transformer circuits during installation and maintenance work.

Clear marking
To identify circuits unambiguously is extremely important for safety. For this reason, the new instrument transformer terminal blocks have large marking areas which are clearly visible from any angle.



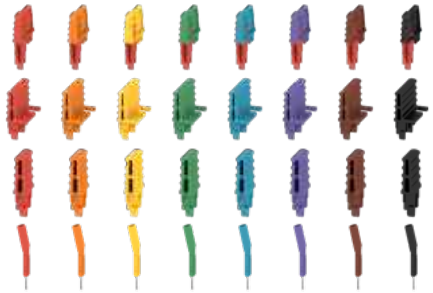
Angled test sockets
The angled test sockets enable the connection of 4.0 plugs in widths of up to 10 mm. Due to the alternating arrangement, all standard measurements can be done without fanning-out despite the reduced width of the terminal.





Reliable switch lock
The switch lock prevents the disconnect lever from being moved out of the set position. This avoids unauthorised opening and closing of circuits.

Enhanced safety cover hood system
The transparent cover hood system protects and seals the entire assembly. It is available either as a full-length profile or as an individual cover. It can only be fixed when all connection components are in their initial position. The assembly is optimally protected against unauthorised access without impairing visual inspection.

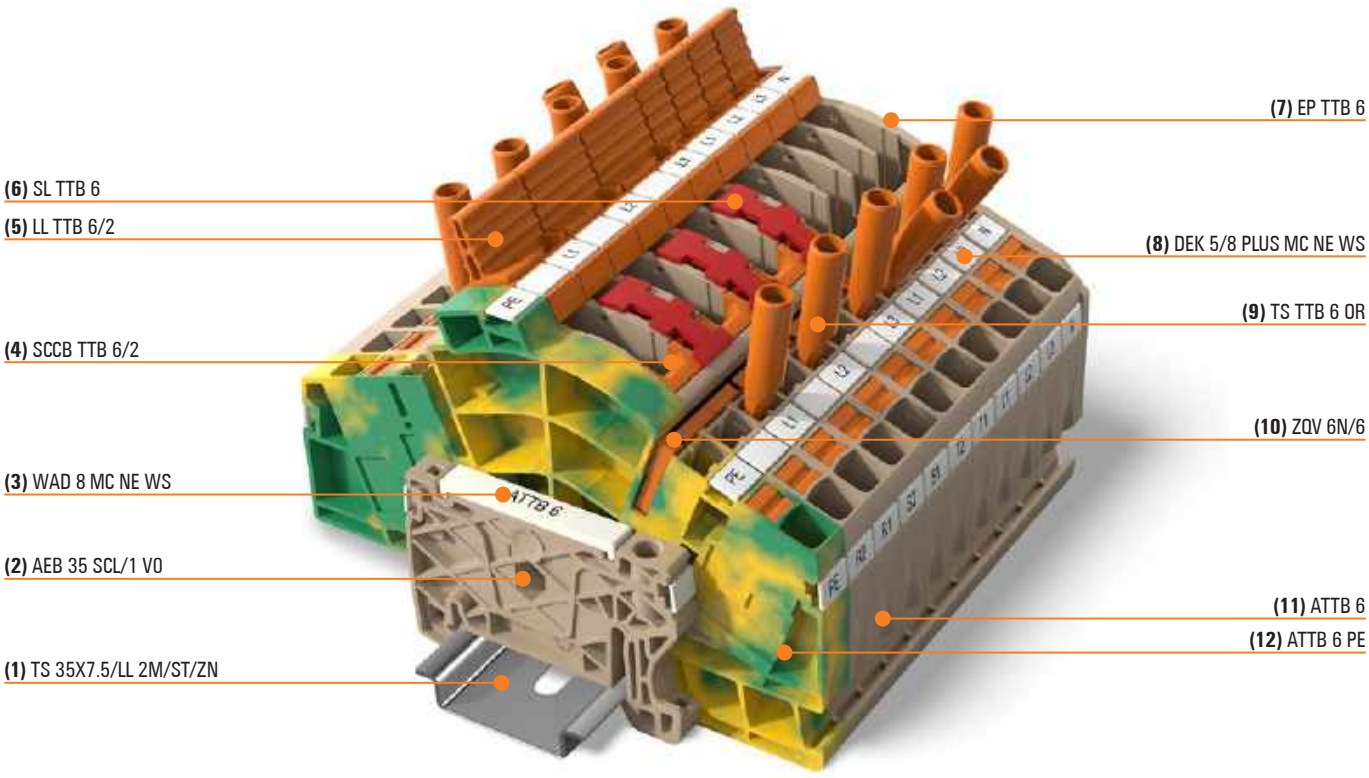


Distinct colour coding
In order to guarantee maximum safety in installation and maintenance, an extensive colour range is available for the requested colour-coding of terminals, accessories, test sockets and lever links.

IEC CB Scheme Certification
Klippon® Connect TTB range instrument transformer terminal blocks are certified by third party according to the requirements of IEC 60947-7-1 – Annex D Standard. Such certification grants the safe use of TTB range terminals throughout time and is a recognised qualified reference worldwide.

Klippon® Connect TTB-Range

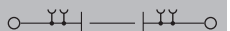
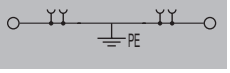
Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	**2710170000**
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
11	Instrument transformer wiring terminal block	ATTB 6	8.1 x 69 x 100 mm	dark beige*	50	**2710090000**
12	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710100000**

*** More colored version you will find inside our online catalogue**

	ATTB 6	6 mm²	ATTB 6 PE	6 mm²
Width/Height/Depth mm	8.1 x 100 x 68		8.1 x 100 x 68	
max. current / max. cond. cross-section A/mm²	**30 / 10**		**/ 10**	
Max. clamping range mm²	**0.5...10**		**0.5...10**	

Technical data

	ATTB 6	ATTB 6 PE
Rated data	IEC 60947-7-1	IEC 60947-7-2
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	500 / 600	
Rated current A	30 / 29	
for wire cross-section mm²	6 / AWG 22...8 / AWG 22...8	6 / AWG 22...8 / AWG 22...8
Short-time withstand current resistance		
Rated impulse withstand voltage / Pollution severity	6 kV / 3	/ 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A5 / V-0	A5 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...6 / 0.5...6	0.5...6 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm	12 / 0.8 x 4.0 mm
Note		

Ordering data

Version	ATTB 6 Type	Qty.	Order No.	ATTB 6 PE Type	Qty.	Order No.
dark beige	ATTB 6	50	**2710070000**			
Green/yellow				ATTB 6 PE	50	**2710080000**
Note						

Accessories

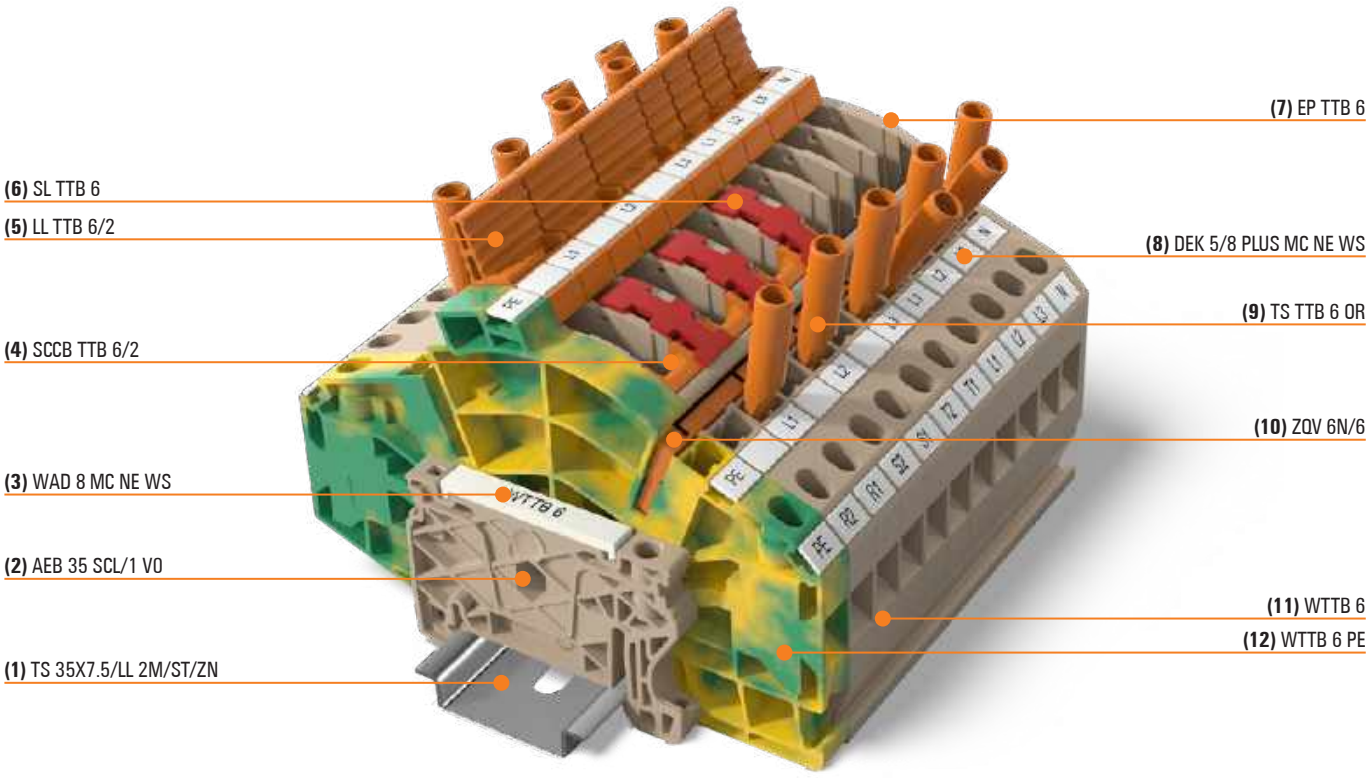
	Type		Qty.	Order No.	Type		Qty.	Order No.
Short circuit bridge								
2-pole	SCCB TTB 6/2	30 A	25	**2710190000**	SCCB TTB 6/2	30 A	25	**2710190000**
3-pole	SCCB TTB 6/3	30 A	25	**2710200000**	SCCB TTB 6/3	30 A	25	**2710200000**
4-pole	SCCB TTB 6/4	30 A	25	**2710210000**	SCCB TTB 6/4	30 A	25	**2710210000**
Cross-connector								
6-pole	ZQV 6N/6	41 A	20	**2733950000**	ZQV 6N/6	41 A	20	**2733950000**
7-pole	ZQV 6N/7	41 A	20	**2733960000**	ZQV 6N/7	41 A	20	**2733960000**
10-pole	ZQV 6N/10	41 A	20	**2733970000**	ZQV 6N/10	41 A	20	**2733970000**
End plate								
dark beige	EP TTB 6		20	**2710170000**	EP TTB 6		20	**2710170000**
Lever link								
1-pole	LL TTB 6/1		50	**2710230000**	LL TTB 6/1		50	**2710230000**
2-pole	LL TTB 6/2		50	**2710300000**	LL TTB 6/2		50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM		50	**2710370000**	LL TTB 6/2 CM		50	**2710370000**
Test plug								
orange	TS TTB 6 OR		48	**2710470000**	TS TTB 6 OR		48	**2710470000**
blue	TS TTB 6 BL		48	**2710480000**	TS TTB 6 BL		48	**2710480000**
green	TS TTB 6 GN		48	**2710490000**	TS TTB 6 GN		48	**2710490000**
yellow	TS TTB 6 YL		48	**2710500000**	TS TTB 6 YL		48	**2710500000**
Black	TS TTB 6 BK		48	**2710520000**	TS TTB 6 BK		48	**2710520000**
violet	TS TTB 6 VT		48	**2710530000**	TS TTB 6 VT		48	**2710530000**
Switch Lock								
	SL TTB 6		50	**2710220000**	SL TTB 6		50	**2710220000**
Cover								
Textile cover	CH TTB		1	**2710130000**	CH TTB		1	**2710130000**
Cover profile	CP TTB		10	**2710140000**	CP TTB		10	**2710140000**
Cover support	CS TTB		10	**2710150000**	CS TTB		10	**2710150000**
Marking tags								
	DEK-A 5/8 MM WS		500	**2448860000**	DEK-A 5/8 MM WS		500	**2448860000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
TTB-Range – Screw connection

Klippon® Connect TTB Range

Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	**2710170000**
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
11	Instrument transformer wiring terminal block	WTTB 6	8.1 x 69 x 100 mm	dark beige*	50	**2710090000**
12	Instrument transformer wiring terminal block PE	WTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710100000**

*** More colored version you will find inside our online catalogue**

	WTTB 6	WTTB 6 PE
	6 mm²	6 mm²
Width/Height/Depth mm	8.1 x 100 x 69	8.1 x 100 x 69
max. current / max. cond. cross-section A/mm²	**30 / 10**	**/ 10**
Max. clamping range mm²	**0.5...10**	**0.5...10**

Technical data

	WTTB 6	WTTB 6 PE
Rated data	IEC 60947-7-1	IEC 60947-7-2
Rated voltage V	500	500
Rated current A	30	
for wire cross-section mm²	6	6
Short-time withstand current resistance		
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Tightening torque Nm	0.8...1.6	0.8...1.6
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm	12 / 0.8 x 4.0 mm

IEC	UL	CSA	EN 60079-7
500	300	300	
30	30	30	
6	AWG 22...8	AWG 22...8	

IEC	UL	CSA	EN 60079-7
500			
6	AWG 22...8	AWG 22...8	

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WTTB 6	50	2710090000
Green/yellow	WTTB 6 PE	50	2710100000

Note

Accessories

	Type		Qty.	Order No.
Short circuit bridge				
2-pole	SCCB TTB 6/2	30 A	25	2710190000
3-pole	SCCB TTB 6/3	30 A	25	2710200000
4-pole	SCCB TTB 6/4	30 A	25	2710210000
Cross-connector				
6-pole	ZQV 6N/6	41 A	20	2733950000
7-pole	ZQV 6N/7	41 A	20	2733960000
10-pole	ZQV 6N/10	41 A	20	2733970000
End plate				
dark beige	EP TTB 6		20	2710170000
Lever link				
1-pole	LL TTB 6/1		50	2710230000
2-pole	LL TTB 6/2		50	2710300000
for comparative measurement 2-pole	LL TTB 6/2 CM		50	2710370000
Test plug				
orange	TS TTB 6 OR		48	2710470000
blue	TS TTB 6 BL		48	2710480000
green	TS TTB 6 GN		48	2710490000
yellow	TS TTB 6 YL		48	2710500000
Black	TS TTB 6 BK		48	2710520000
violet	TS TTB 6 VT		48	2710530000
Switch Lock				
	SL TTB 6		50	2710220000
Cover				
Textile cover	CH TTB		1	2710130000
Cover profile	CP TTB		10	2710140000
Cover support	CS TTB		10	2710150000
Marking tags				
	DEK-A 5/8 MM WS		500	2448860000
	DEK 5/8 PLUS MC NE WS		800	1046350000

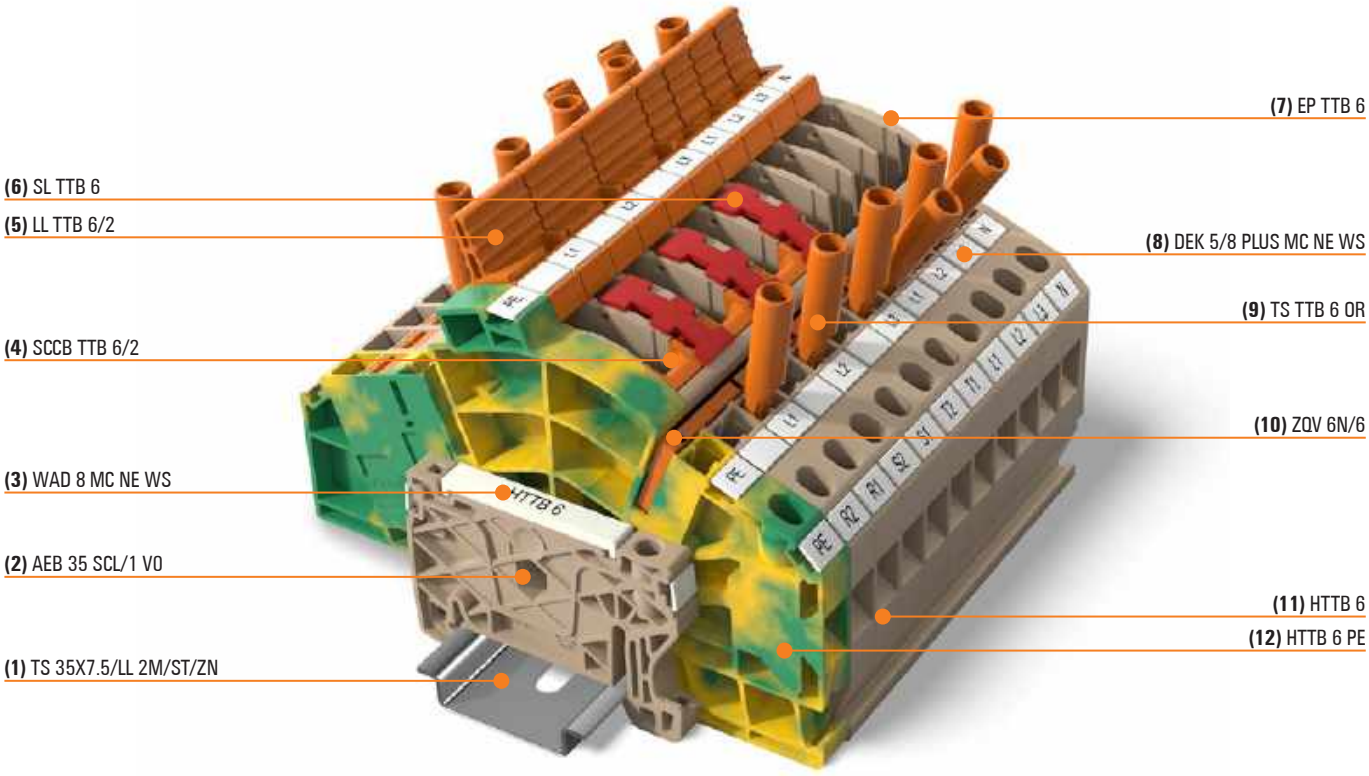
	Type		Qty.	Order No.
	SCCB TTB 6/2	30 A	25	2710190000
	SCCB TTB 6/3	30 A	25	2710200000
	SCCB TTB 6/4	30 A	25	2710210000
	ZQV 6N/6	41 A	20	2733950000
	ZQV 6N/7	41 A	20	2733960000
	ZQV 6N/10	41 A	20	2733970000
	EP TTB 6		20	2710170000
	LL TTB 6/1		50	2710230000
	LL TTB 6/2		50	2710300000
	LL TTB 6/2 CM		50	2710370000
	TS TTB 6 OR		48	2710470000
	TS TTB 6 BL		48	2710480000
	TS TTB 6 GN		48	2710490000
	TS TTB 6 YL		48	2710500000
	TS TTB 6 BK		48	2710520000
	TS TTB 6 VT		48	2710530000
	SL TTB 6		50	2710220000
	CH TTB		1	2710130000
	CP TTB		10	2710140000
	CS TTB		10	2710150000
	DEK-A 5/8 MM WS		500	2448860000
	DEK 5/8 PLUS MC NE WS		800	1046350000

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
TTB Range – Hybrid connection

Klippon® Connect TTB-Range

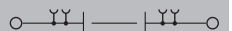
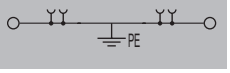
Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	**2710170000**
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
11	Instrument transformer wiring terminal block	HTTB 6	8.1 x 69 x 100 mm	dark beige*	50	**2710110000**
12	Instrument transformer wiring terminal block PE	HTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710120000**

*** More colored version you will find inside our online catalogue**

	HTTB 6	6 mm²	HTTB 6 PE	6 mm²
Width/Height/Depth mm	8.1 x 100 x 68		8.1 x 100 x 68	
max. current / max. cond. cross-section A/mm²	**30 / 10**		**/ 10**	
Max. clamping range mm²	**0.5...10**		**0.5...10**	

Technical data

	HTTB 6	HTTB 6 PE
Rated data	IEC 60947-7-1	IEC 60947-7-2
	IEC / UL / CSA / EN 60079-7	**IEC / UL / CSA / EN 60079-7**
Rated voltage V	500 / / 600 /	
Rated current A	30 / / 29 /	
for wire cross-section mm²	6 / AWG 22...8 / AWG 22...8 /	6 / AWG 22...8 / AWG 22...8 /
Short-time withstand current resistance		
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A4 / V-0	A4 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...10 / 0.5...10	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Tightening torque Nm	0.8...1.6	0.8...1.6
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm	12 / 0.8 x 4.0 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	HTTB 6	50	**2710110000**			
Green/yellow				HTTB 6 PE	50	**2710120000**
Note						

Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Short circuit bridge								
2-pole	SCCB TTB 6/2	30 A	25	**2710190000**	SCCB TTB 6/2	30 A	25	**2710190000**
3-pole	SCCB TTB 6/3	30 A	25	**2710200000**	SCCB TTB 6/3	30 A	25	**2710200000**
4-pole	SCCB TTB 6/4	30 A	25	**2710210000**	SCCB TTB 6/4	30 A	25	**2710210000**
Cross-connector								
6-pole	ZQV 6N/6	41 A	20	**2733950000**	ZQV 6N/6	41 A	20	**2733950000**
7-pole	ZQV 6N/7	41 A	20	**2733960000**	ZQV 6N/7	41 A	20	**2733960000**
10-pole	ZQV 6N/10	41 A	20	**2733970000**	ZQV 6N/10	41 A	20	**2733970000**
End plate								
dark beige	EP TTB 6		20	**2710170000**	EP TTB 6		20	**2710170000**
Lever link								
1-pole	LL TTB 6/1		50	**2710230000**	LL TTB 6/1		50	**2710230000**
2-pole	LL TTB 6/2		50	**2710300000**	LL TTB 6/2		50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM		50	**2710370000**	LL TTB 6/2 CM		50	**2710370000**
Test plug								
orange	TS TTB 6 OR		48	**2710470000**	TS TTB 6 OR		48	**2710470000**
blue	TS TTB 6 BL		48	**2710480000**	TS TTB 6 BL		48	**2710480000**
green	TS TTB 6 GN		48	**2710490000**	TS TTB 6 GN		48	**2710490000**
yellow	TS TTB 6 YL		48	**2710500000**	TS TTB 6 YL		48	**2710500000**
Black	TS TTB 6 BK		48	**2710520000**	TS TTB 6 BK		48	**2710520000**
violet	TS TTB 6 VT		48	**2710530000**	TS TTB 6 VT		48	**2710530000**
Switch Lock								
	SL TTB 6		50	**2710220000**	SL TTB 6		50	**2710220000**
Cover								
Textile cover	CH TTB		1	**2710130000**	CH TTB		1	**2710130000**
Cover profile	CP TTB		10	**2710140000**	CP TTB		10	**2710140000**
Cover support	CS TTB		10	**2710150000**	CS TTB		10	**2710150000**
Marking tags								
	DEK-A 5/8 MM WS		500	**2448860000**	DEK-A 5/8 MM WS		500	**2448860000**
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**

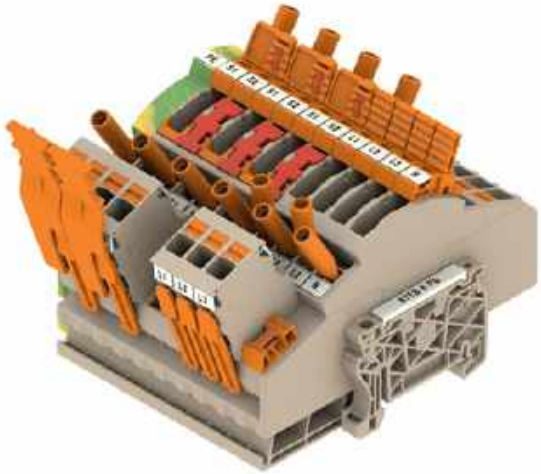
For detailed information on other accessories and application in the online catalogue

Simple, fast and safe wiring of current and voltage transformers

Klippon® Connect ATTB 6 PG range with pluggable connection for instrument transformer wiring

Where instrument transformer wiring requirements are coupled with enhanced wiring efficiency requests, all features of the TTB range can be exploited.

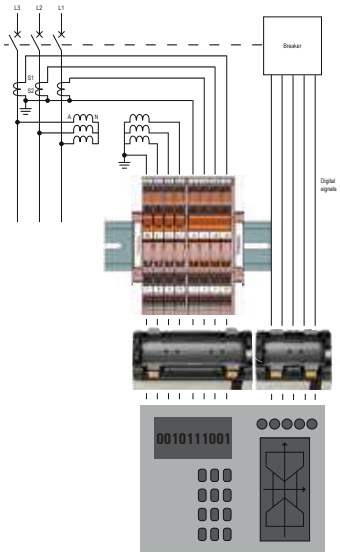
With the pluggable connection option located on the field side and directly connected to the instrument transformers, transformer circuits can now be wired even more securely.



In current transformer circuits, the ATTB 6 PG CT is equipped with a specially designed 2 and 3 pole self-shorting plug able to guarantee a Make Before Break (MBB) contact under every handling condition. For voltage circuits a simple feed-through plug offered with the ATTB 6 PG VT guarantees the same handling easiness and safety required also for voltage circuits. Both CT and VT plugs are equipped with full coding possibility to avoid any dangerous exchange.

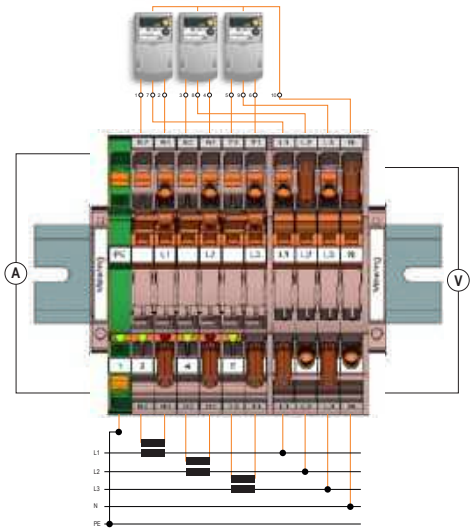
Protection relay application

The increased wiring effort required by protective relay circuits can be optimally managed with the ATTB 6 PG. Thanks to its pluggable interface, tangible operational advantages are made possible without compromising safety.

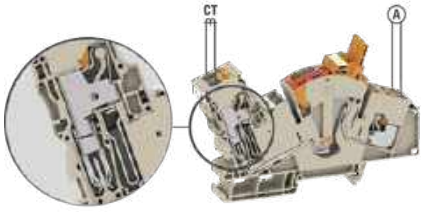


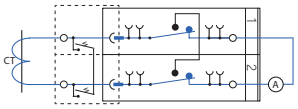
Metering application

ATTB 6 PG terminal blocks can be easily configured onto a rail in order to form a complete and functional connectivity interface in any metering cabinet. This allows intuitive, fast and safe handling for any operator.

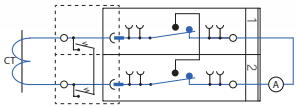


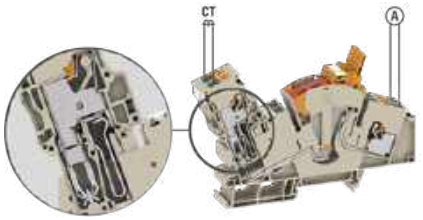
Voltage circuits do not require special operational safety other than avoiding short circuit on the secondary wiring if a VT is used. For current trasformer assisted circuits, it is on the other hand of paramount importance to perform a preliminary shorting of a CT prior to any circuit opening.

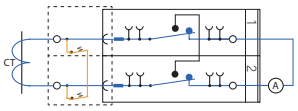




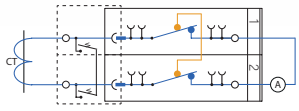
Normal operation – CT circuits
In normal operation, the plug is fully inserted. The circuit is closed and the current flows via the terminal blocks and the plug.

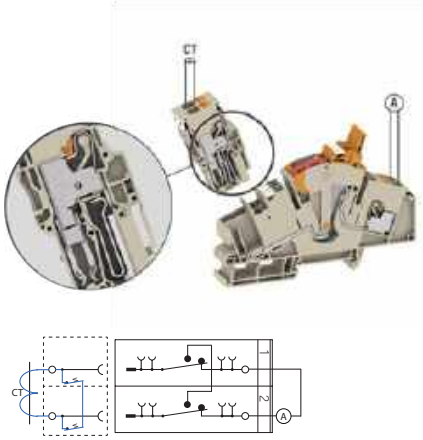




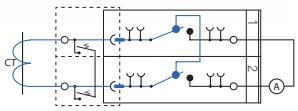


Make Before Break (MBB)– CT circuits
Throughout cabinet operational life or during assembly verifications, the circuit must be disconnected to allow further operations. To do so, the plug is partially extracted from the terminals. Before extraction is fully completed, a short circuit is established between its two poles. In a likewise manner, the same circuit status can be obtained by bringing the lever into its middle position.



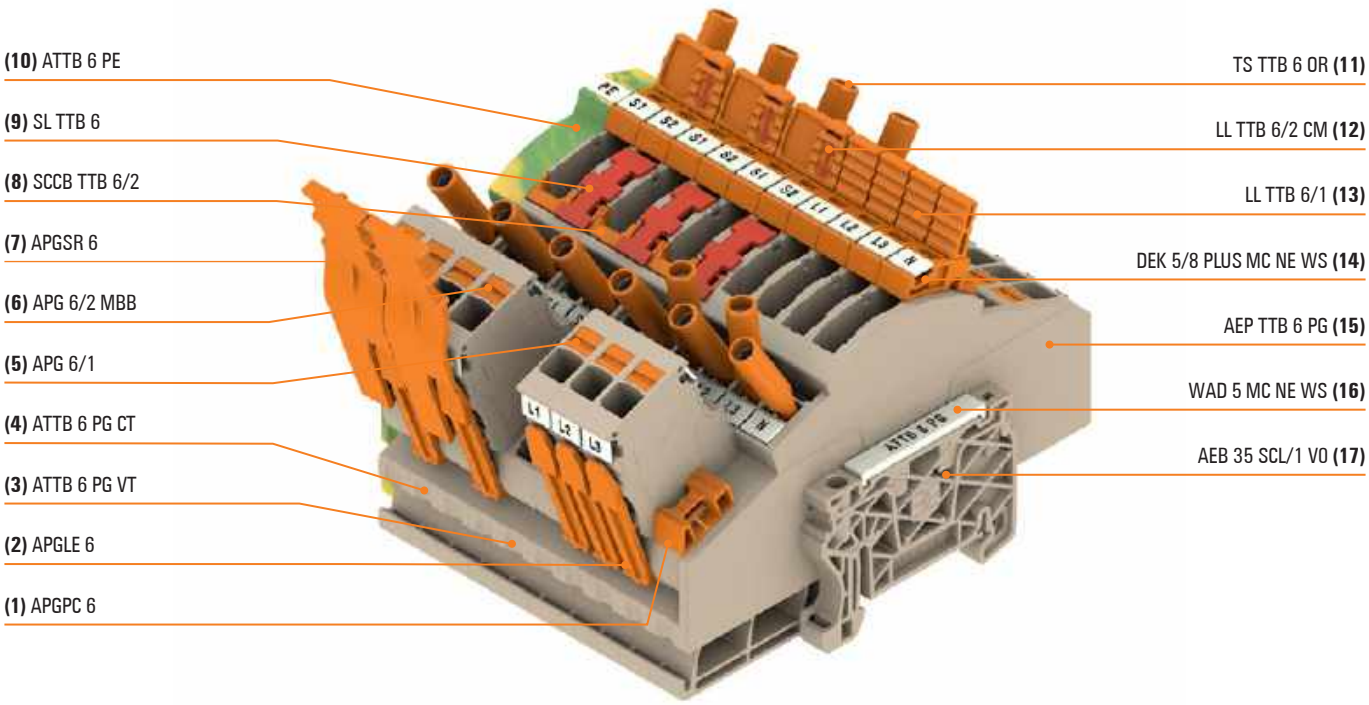


Disconnect & short circuit – CT circuits
To fully allow consequent operations, the plug is completely extracted from the base terminals, thus maintaining the previously established short circuit between its poles and subsequently opening the circuit. The circuit can be equally safely and completely opened completing the rotation of the lever to the left. As a result the system allows the operator to enjoy a redundant Make Before Break contact.



Klippon® Connect TTB-Range

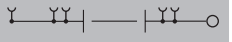
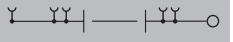
Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	**0514500000**
1	Protective cover	APGPC 6	7.9 x 15.5 x 20 mm	orange	20	**2762410000**
2	Locking element	APGLE 6	6.5 x 2.49 x 35.96 mm	orange	20	**2762400000**
3	Instrument transformer wiring terminal block (Voltage)	ATTB 6 PG VT	8.1 x 109 x 68 mm	dark beige*	50	**2762290000**
4	Instrument transformer wiring terminal block (Current)	ATTB 6 PG CT	8.1 x 109 x 68 mm	dark beige*	50	**2762280000**
5	Standard feed-through plug	APG 6/1	8.1 x 24.3 x 51 mm	beige	50	**2762320000**
6	Plug with Make Before Breake-funktion (MBB)	APG 6/2 MBB	16.2 x 27.5 x 51 mm	beige	20	**2762330000**
	Plug with Make Before Breake-funktion (MBB)	APG 6/3 MBB	24.3 x 27.5 x 51 mm	beige	20	**2762340000**
7	Strain relief	APGSR 6	15.9 x 7.7 x 58.1 mm	orange	20	**2762390000**
8	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	**2710190000**
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	**2710200000**
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	**2710210000**
9	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	**2710220000**
10	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	**2710100000**
11	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	**2710470000**
12	Lever link for comperative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	**2710370000**
	Lever link for comperative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	**2726100000**
	Lever link for comperative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	**2726110000**
13	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	**2710230000**
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	**2710300000**
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	**2710440000**
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	**2710450000**
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	**2710460000**
14	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	**1046350000**
15	Endplate	AEP TTB 6 PG	2.1 x 108.8 x 50.77 mm	dark beige	20	**2762310000**
16	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	**1112910000**
17	End bracket	AEB 35 SCL/1 VO	6 x 52.6 x 36.5 mm	dark beige*	50	**2661280000**
	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	**2733950000**
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	**2733960000**
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	**2733970000**
	Cooding element	APGCE	2.25 x 11 x 3.3 mm	orange	50	**1514490000**

* More colored version you will find inside our online catalogue

	ATTB 6 PG CT	6 mm²	ATTB 6 PG VT	6 mm²
Width/Height/Depth mm	8.1 x 109 x 68		8.1 x 109 x 68	
max. current / max. cond. cross-section A/mm²	**30 / 10**		**30 / 10**	
Max. clamping range mm²	**0.5...10**		**0.5...10**	

Technical data

	ATTB 6 PG CT				ATTB 6 PG VT			
Rated data	IEC 60947-7-1				IEC 60947-7-1			
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	500	300			500	300		
Rated current A	30	10			30	29		
for wire cross-section mm²	6	AWG 22...8			6	AWG 22...8		
Short-time withstand current resistance								
Rated impulse withstand voltage / Pollution severity		6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0				A5 / V-0		
Approvals								
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...6 / 0.5...6				0.5...6 / 0.5...6			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6				0.5...10 / 0.5...6			
Tightening torque -								
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm				12 / 0.8 x 4.0 mm			
Note								

Ordering data

	ATTB 6 PG CT			ATTB 6 PG VT		
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	ATTB 6 PG CT	50	**2762280000**	ATTB 6 PG VT	50	**2762290000**
Note						

Accessories

	ATTB 6 PG CT				ATTB 6 PG VT			
Plug	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
1-pole					APG 6/1	30 A	50	**2762320000**
2-pole					APG 6/2	30 A	50	**2882750000**
3-pole					APG 6/3	30 A	50	**2882690000**
4-pole					APG 6/4	30 A	25	**2829060000**
Short circuit bridge								
2-pole	SCCB TTB 6/2	30 A	25	**2710190000**	SCCB TTB 6/2	30 A	25	**2710190000**
3-pole	SCCB TTB 6/3	30 A	25	**2710200000**	SCCB TTB 6/3	30 A	25	**2710200000**
4-pole	SCCB TTB 6/4	30 A	25	**2710210000**	SCCB TTB 6/4	30 A	25	**2710210000**
Cross-connector								
6-pole	ZQV 6N/6	41 A	20	**2733950000**	ZQV 6N/6	41 A	20	**2733950000**
7-pole	ZQV 6N/7	41 A	20	**2733960000**	ZQV 6N/7	41 A	20	**2733960000**
10-pole	ZQV 6N/10	41 A	20	**2733970000**	ZQV 6N/10	41 A	20	**2733970000**
End plate								
dark beige	AEP TTB 6 PG		20	**2762310000**	AEP TTB 6 PG		20	**2762310000**
Lever link								
1-pole	LL TTB 6/1		50	**2710230000**	LL TTB 6/1		50	**2710230000**
2-pole	LL TTB 6/2		50	**2710300000**	LL TTB 6/2		50	**2710300000**
for comparative measurement 2-pole	LL TTB 6/2 CM		50	**2710370000**	LL TTB 6/2 CM		50	**2710370000**
Test plug								
orange	TS TTB 6 OR		48	**2710470000**	TS TTB 6 OR		48	**2710470000**
Switch Lock								
	SL TTB 6		50	**2710220000**	SL TTB 6		50	**2710220000**
Marking tags								
	DEK 5/8 PLUS MC NE WS		800	**1046350000**	DEK 5/8 PLUS MC NE WS		800	**1046350000**
	DEK 5/8 PLUS MC WS LRP		800	**2770670000**	DEK 5/8 PLUS MC WS LRP		800	**2770670000**
Plug with make before break-function (MBB)								
2-pole	APG 6/2 MBB	30 A	20	**2762330000**				
3-pole	APG 6/3 MBB	30 A	20	**2762340000**				

For detailed information on other accessories and application in the online catalogue

Accessories for test-disconnect terminal TTB 6

Short circuit bridge

The short circuit bridge can be simply and quickly inserted into the terminal blocks. If several levers are connected simultaneously with the lever connector, the make before break can be realised. Once mounted, the short circuit bridge cannot be removed from the application.

SCCB TTB 6

Type	Qty.	Order No.
SCCB TTB 6/2	25	2710190000
SCCB TTB 6/3	25	2710200000
SCCB TTB 6/4	25	2710210000

Lever link

The lever link mechanically locks the connected disconnect levers of the terminal blocks. Switching the lever link together with the inserted short circuit bridge allows make before break functionality inside the application. Once mounted, the lever link cannot be removed from the application.

LL TTB 6

Type	Qty.	Order No.
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/3	50	2710440000
LL TTB 6/4	25	2710450000
LL TTB 6/6	10	2710460000
More colours at catalog.weidmueller.com		

Comparative measurement lever link

The LL TTB 6 CM enables safe and fast comparative measurement. After lifting the LL TTB 6 CM, the two levers of the terminal blocks are mechanically separated from each other and can be switched independently. Once mounted, the lever link cannot be removed from the application.

LL TTB 6 CM

Type	Qty.	Order No.
LL TTB 6/2 CM	50	2710370000
LL TTB 6/3 CM	50	2726100000
LL TTB 6/4 CM	50	2726110000
More colours at catalog.weidmueller.com		

Test socket

The test socket is used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.

TS TTB 6

Type	Qty.	Order No.
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 YL	48	2710500000
TS TTB 6 GN	48	2710490000
TS TTB 6 VT	48	2710530000
More colours at catalog.weidmueller.com		

Cross-connection

The cross-connection enables potential multiplication or the realisation of a star connection within the application.

ZQV 6N/...

Type	Qty.	Order No.
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000

Contour-like PE terminal block

A PE terminal block with identical contour is a very useful component in a test-disconnect terminal block system, since it allows easy and safe realisation of star connection / reference points within the application.

TTB 6 PE

Type	Qty.	Order No.
ATTB 6 PE	50	2710080000
WTTB 6 PE	50	2710100000
HTTB 6 PE	50	2710120000

Switch lock

The switch lock can be easily inserted into the terminal from above. The switch lock prevents unauthorised opening or closing of circuits as they block the disconnect lever in its respective position.

SL TTB 6

Type	Qty.	Order No.
SL TTB 6	50	2710220000

Combi-foot (for WTTB 6 and HTTB 6)

Integrated combi-foot allows easy and quick mounting onto all available TH 35 and G32 rails, thus allowing cost and time effective panel retrofit.

TS35 x ... / TS32 x ...

Type	Qty.	Order No.
TS 32X15 2M/ST/ZN	2	0122800000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 35X15/LL 2M/ST/ZN	2	0236500000

Accessories for test-disconnect terminal TTB 6

Plug with MBB function

The specially designed 2- and 3-pole self shorting plugs offer, in addition to all handling advanteges, a guarantee make-before-break contact.

Type	Qty.	Order No.
APG 6/2 MBB	50	2762330000
APG 6/3 MBB	50	2762340000

Standard plug

For voltage circuits a simple feed-through plug offered with the ATTB 6 PG VT guarantees the same handling easiness and safety required also for voltage circuits.

Type	Qty.	Order No.
APG 6/1	50	2762320000
MCV APG 6	50	2762380000

Protective cover

The cover of the plug contact offers protection from external influences, e.g. soiling from dust.

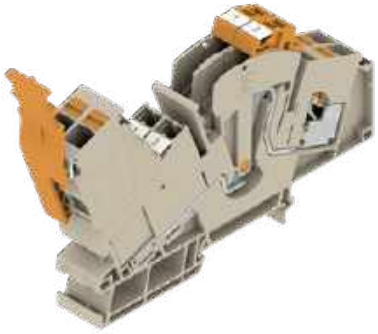
Type	Qty.	Order No.
APGPC 6	50	2762410000

Cooding element
With the use of coding pins, individual coding options ensure trouble-free plug-in connection.

Type	Qty.	Order No.
APGCE	50	1514490000

Locking element
The plugs can be securely and easily fixed to the base terminal by using a locking element. The locking element avoids an unintentional disconnection of the plugs from the base terminal and ensures maximum safety.

Type	Qty.	Order No.
APGLE 6	50	2762400000



Strain relief
The strain relief protects the contact against mechanical stress and protects the connector against inadvertent release from the contact point

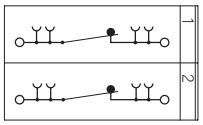
Type	Qty.	Order No.
APGSR 6	50	2762390000

Application examples

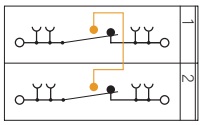
Changing a Protection/Metering device

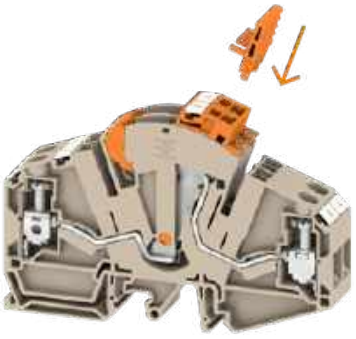
Planning and installation: Equipping the terminal blocks with accessories

1. SCCB TTB 6 short circuit bridge installation in progress
The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in it´s deidcated channel. Once mounted, the short circuit bridge cannot be removed from the application.

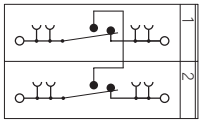


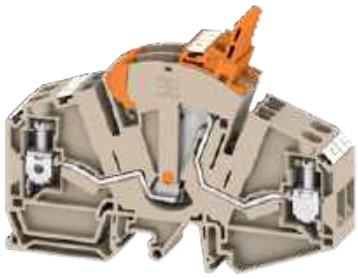
2. SCCB TTB 6 short circuit bridge installation completed
When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



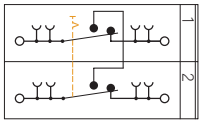


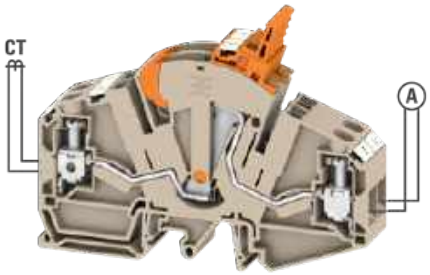
3. LL TTB 6 lever link installation in progress
The lever link is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.





4. LL TTB 6 lever link installation completed
The mechanical connection between the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers.

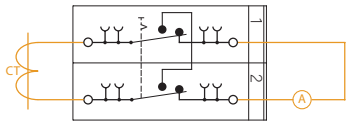


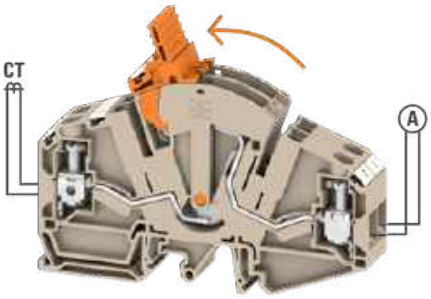


Installation: Wiring transformer and ammeter wiring

Wiring of current transformer and ammeter

The transformer will be connected in the clamping units usptream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.

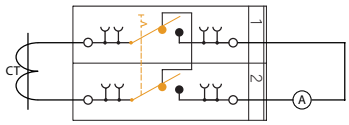




Operation: Changing an ammeter

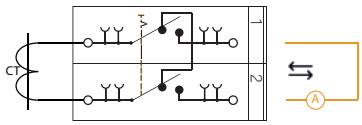
1. Switching the lever link

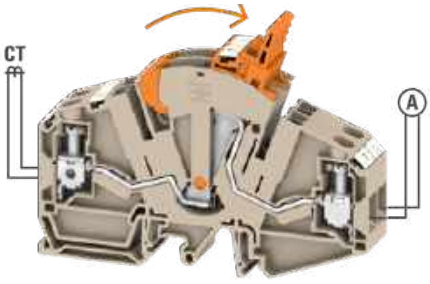
Switching the lever link causes an automatic short circuit (make before break mechanism) on the secondary wiring of the current transformer. This prevents the voltage on the current transformer from surging and protects it from damage leading to its destruction.



2. Replacing the ammeter

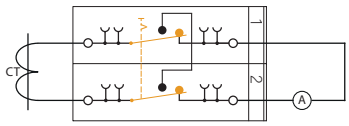
After short-circuiting the current transformer side and simultaneously disconnecting the circuit through the lever switching, the ammeter can be replaced easily and safely.





3. Restoring the lever link back into original position

Switching backwards the lever, restores the entire arrangement into its original status. The transition from the automatic short circuit back to the initial position is realised smoothly and safely.

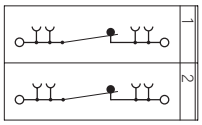


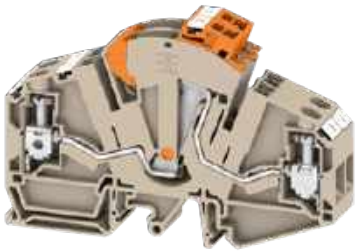
Application examples

Performing a comparative measurement

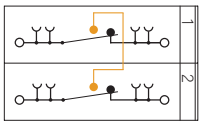
Planning and installation: Equipping the terminal blocks with accessories

1. SCCB TTB 6 short circuit bridge installation in progress
The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in it´s deidcated channel. Once mounted, the short circuit bridge cannot be removed from the application.

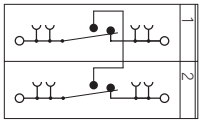


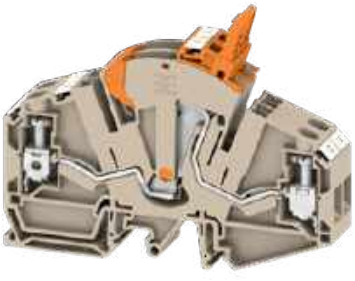


2. SCCB TTB 6 short circuit bridge installation completed
When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.

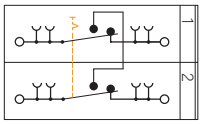


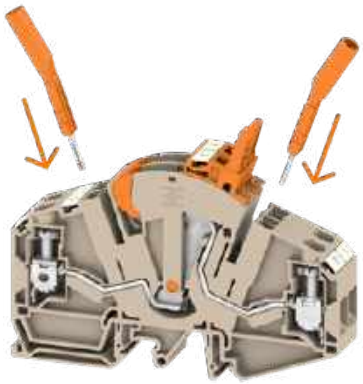
3. LL TTB 6 CM lever link installation in progress
The CM lever link (having long, asymmetrical, red coloured foot) is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



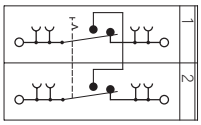


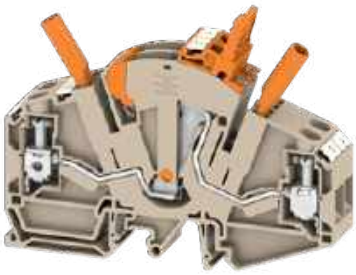
4. LL TTB 6 CM lever link installation completed
The mechanical connection of the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers. By lifting the LL TTB 6 CM, the two (or more) disconnect levers of the terminal blocks are disengaged from each other and can be switched independently. Prior to any re-energising of the circuit, the CM needs to be pushed down into original position and the circuit closed.



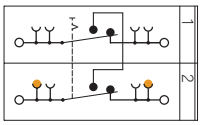


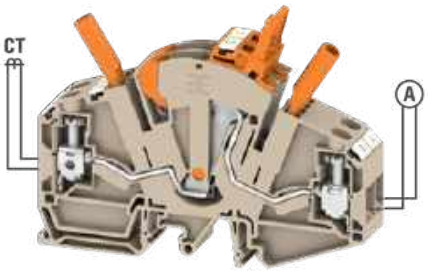
5. TS TTB 6 test sockets installation in progress
The TS TTB 6 test sockets are inserted into the bespoke housings provided in the terminal blocks from above. Once inserted, the test sockets cannot be removed from the installation.





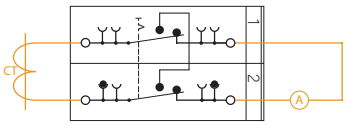
6. TS TTB 6 test sockets installation completed
The test sockets are used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.





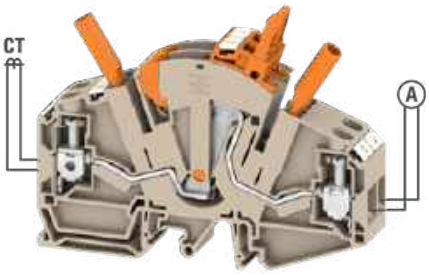
Installation: Wiring the transformer and the ammeter

The transformer will be connected in the clamping unit usptream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.



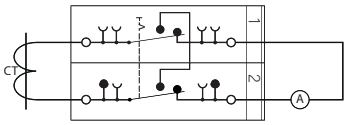
Application examples

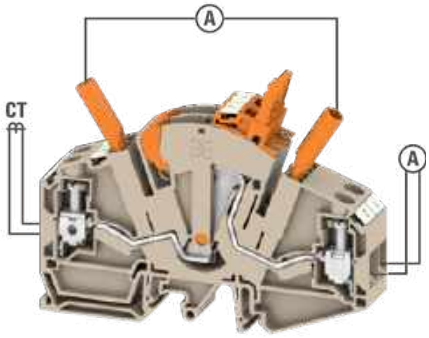
Performing a comparative measurement



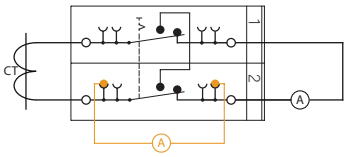
Operation: Performing a comparative measurement

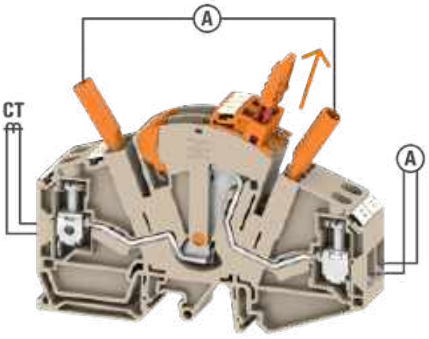
1. Configuration correctly equipped
The installation of the required accessories to equip the terminal arrangement for comparative measurement and also the wiring of the primary side as well as the secondary side, has already been carried out. The installation is correctly prepared to perform the required operations.



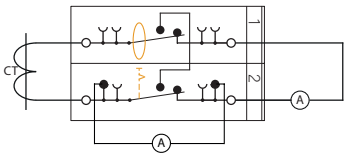


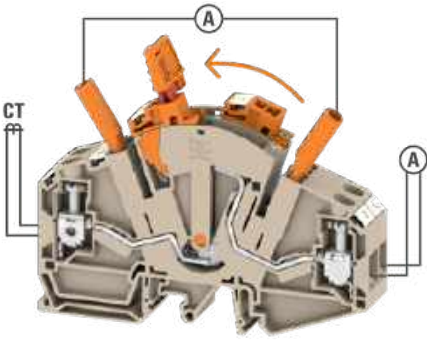
2. Connection of a reference measuring (calibrated) instrument
The reference measuring (calibrated) instrument is connected via standard 4.0 plugs to the test sockets on a terminal block. The connection is made inserting in parralel the calibrated instrument to the terminal block, where the disconnection will take place.



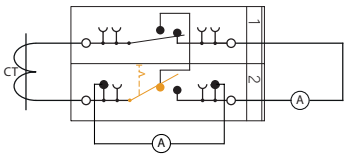


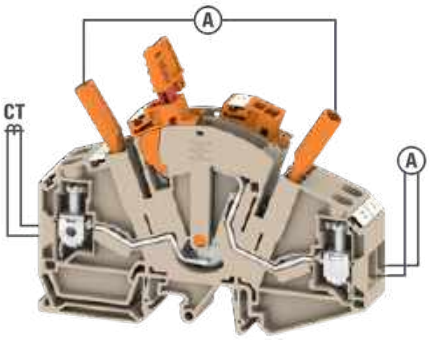
3. Lifting up the LL TTB 6 CM lever link
Lifting up the lever link LL TTB 6 CM causes a mechanical decoupling of the two disconnect levers. Now the two disconnect levers can be operated independently from each other within this application.





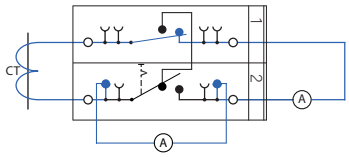
4. Switching the LL TTB 6 CM lever link
By switching the previously decoupled lever link, the current flow is diverted from the terminal block through the now parallel-connected reference measuring instrument.

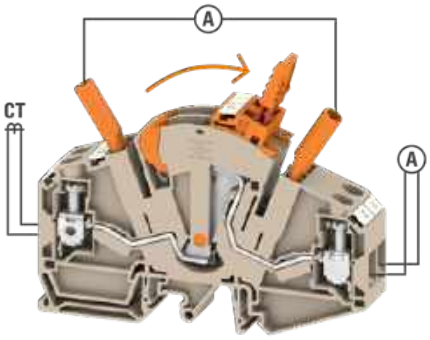




5. Performing the comparative reading of the two ammeters

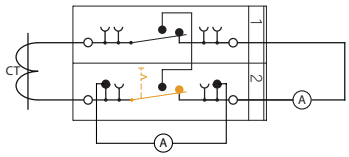
The values measured by the ammeter connected downstream can now be compared with the values given by the reference meter since both instruments are reading the same current. The comparison measurement has now been successfully completed and the correct functional verification of the ammeter connected downstream the terminal has been carried out.

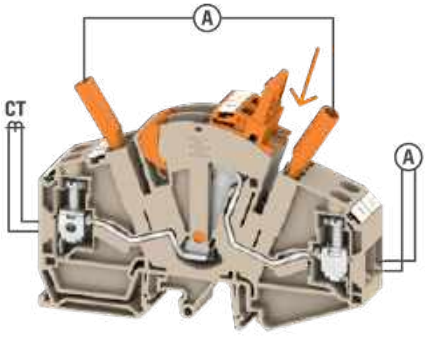




6. Restoring the lever link back into original position

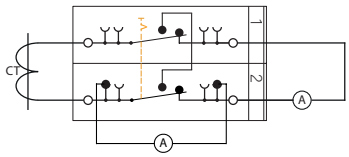
Switching backwards the lever, restores the entire arrangement into its original status. The transition from the comparative measurement status back to the initial position is realised smoothly and safely.

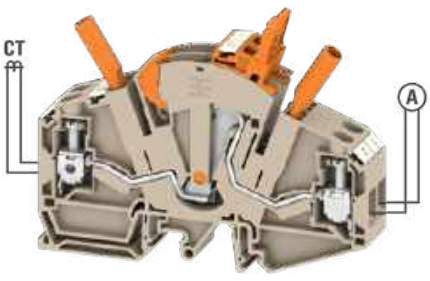




7. Pressing down the LL TTB 6 CM lever link

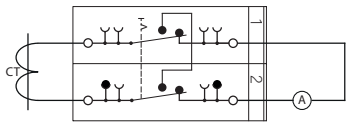
Pressing down the LL TTB 6 CM lever link restores the mechanical connection of the two disconnect levers within the application.





8. Disconnecting of the reference measuring instrument

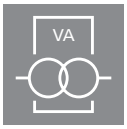
The reference measurement instrument is therefore disconnected from the installation by simply removing its plugs from the test sockets of the terminal block and the installation is restored in the initial status



Simple, fast, and safe wiring of current and voltage transformers

Klippon® Connect instrument transformer wiring terminal blocks

In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.



Instrument transformer wiring terminal blocks with tension clamp connection
The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.

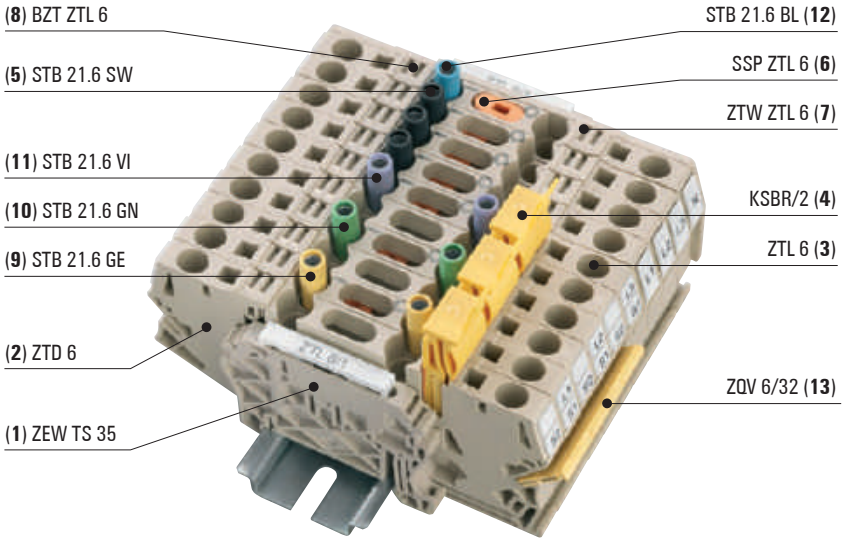
Instrument transformer wiring terminal blocks with screw connection
With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and costeffectively.

Instrument transformer wiring terminal blocks with stud connection
The Instrument transformer wiring terminal blocks SDL 4 with stud connection technology enables simple instrument transformer wiring of ring cable lugs.

Instrument transformer wiring
Tension clamp connection

Test-disconnect terminal blocks

Test-disconnect terminal blocks for measuring with ZTL 6



Ordering data

Pos.	Type	Order No.	Qty.
1	ZEW TS 35 (nur TS 35)	9540000000	20
1	EWK1 (nur TS 32)	0206160000	50
2	ZTD 6	1771810000	20
3	ZTL 6	1771800000	20
4	KSBR/2	1771820000	50
5	STB 21.6 SW	1071040000	50
6	SSP ZTL 6	1771860000	100
7	ZTW ZTL 6	1771870000	20
8	BZT ZTL 6	1781140000	20

Optionally available for better labelling (instead of 11 x Pos. 5):

Pos.	Type	Order No.	Qty.
9	STB 21.6 GE	1071010000	50
10	STB 21.6 GN	1071020000	50
11	STB 21.6 VI	1071030000	50
12	STB 21.6 BL	1071080000	50
Optionally available for a shared k-point:			
13	ZQV 6/32 GE	1733640000	10

ZTD 6 — 6 mm²

Feed-through terminal

ZTL 6 — 6 mm²

Disconnect test terminal

		ZTD 6	ZTL 6
Width/Height/Depth	mm	8 x 106 x 46.5	8 x 106 x 46.5
max. current / max. cond. cross-section	A/mm²	52 / 10	52 / 10
Max. clamping range	mm²	0.5...10	0.5...10

Technical data

		ZTD 6	ZTL 6
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	-		
Stripping length / Blade size	mm/-		
Note			

IEC	UL	CSA	EN 60079-7
800	300	300	
41	33	33	
6	AWG 20...8	AWG 20...8	
	8 kV / 3		
	A5 / V-0		

CE cULus EAC

Rated connection
0.5...10 / 1.5...6
0.5...6 / 0.5...6
13 / 0.8 x 4.0 mm

IEC	UL	CSA	EN 60079-7
400	300	300	
41	33	33	
6	AWG 20...8	AWG 20...8	
	8 kV / 3		
	A5 / V-0		

CE cULus EAC KCC

Rated connection
0.5...10 / 1.5...6
0.5...6 / 0.5...6
13 / 0.8 x 4.0 mm

Ordering data

Version		Type	Qty.	Order No.
	With socket	ZTD 6/STB	20	1771960000
	without socket	ZTD 6	20	1771810000
Note				

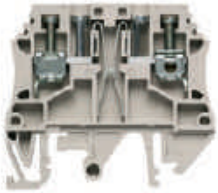
Type	Qty.	Order No.
ZTL 6/STB	20	1771950000
ZTL 6	20	1771800000

Accessories

		Type		Qty.	Order No.
Plug-in cross-connection					
2-pole		ZQV 6/2 GE	41 A	60	1627850000
3-pole		ZQV 6/3 GE	41 A	60	1627860000
4-pole		ZQV 6/4 GE	41 A	60	1627870000
End plate / Partition plate					
End plate		ZTW ZTL6		20	1771870000
Testing / Checking					
Test plug		PS 4 F.STB 4		20	0299600000
Socket - yellow		STB 21.6/IH/GE WTL6/3		50	1071010000
Socket - green		STB 21.6/IH/GN WTL6/3		50	1071020000
Socket - magenta		STB 21.6/IH/VI WTL6/3		50	1071030000
Socket - blue		STB 21.6/IH/BL WTL6/3		50	1071080000
Miscellaneous accessories					
Lockout device					
Short-circuit plug, 2-pole		KSBR/2 ZTL6	10 A	20	1771820000
Short-circuit plug, 3-pole		KSBR/3 ZTL6	10 A	20	1771830000
Short-circuit plug, 4-pole		KSBR/4 ZTL6	10 A	20	1771840000
Marker holder					
		BZT ZTL6		20	1781140000
Marking tags					
		DEK 5/8 MC NE WS		800	1856740000
		WS 12/6.5 MC NE WS		540	1609920000

Type		Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/3 GE	41 A	60	1627860000
ZQV 6/4 GE	41 A	60	1627870000
ZTW ZTL6		20	1771870000
PS 4 F.STB 4		20	0299600000
STB 21.6/IH/GE WTL6/3		50	1071010000
STB 21.6/IH/GN WTL6/3		50	1071020000
STB 21.6/IH/VI WTL6/3		50	1071030000
STB 21.6/IH/BL WTL6/3		50	1071080000
SSP ZTL6		100	1771860000
KSBR/2 ZTL6	10 A	20	1771820000
KSBR/3 ZTL6	10 A	20	1771830000
KSBR/4 ZTL6	10 A	20	1771840000
BZT ZTL6		20	1781140000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6.5 MC NE WS		540	1609920000

For detailed information on other accessories and application in the online catalogue

	WTL 4	WTL 4/2
	4 mm²	4 mm²
		Enforced short-circuit function
		
Width/Height/Depth mm	6.1 x 61.3 x 39.9	6 x 56.5 x 48.5
max. current / max. cond. cross-section A	**41 / 6**	**11 / 6**
Max. clamping range mm²	**0.13...6**	**0.13...6**

Technical data

Rated data		WTL 4				WTL 4/2			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300		500	300	150	
Rated current	A	32	28	28		10	8	8	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10		4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A4 / V-0		
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 1.5...4				0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...6			
Tightening torque / Clamping screw	Nm	0.4...0.7 / (M 2.5)				0.5...0.8 / (M 3)			
Tightening torque Separating screw	Nm	0.5...0.7							
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

Ordering data

Version	WTL 4 Type	Qty.	Order No.	WTL 4/2 Type	Qty.	Order No.
With socket	WTL 4/STB	50	1754970000	WTL 4/2 STB	50	1881650000
without socket	WTL 4	50	1754960000			
Note						

Accessories

	WTL 4 Type		Qty.	Order No.	WTL 4/2 Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 4/2	41 A	50	1051960000				
3-pole	WQV 4/3	41 A	50	1054560000				
4-pole	WQV 4/4	41 A	50	1054660000				
10-pole	WQV 4/10	41 A	20	1052060000				
End plate / Partition plate								
dark beige	ZAP/TW 1		50	1608740000	WAP WTL4/2		50	1881640000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Cross-connection slider								
2-pole	QVS 2/4 SAKT4	32 A	20	1319260000				
Mounting screw for QVS	BFSC M3X22 SAKT4		50	1319900000				
Testing / Checking								
Test plug	PS 2.3 RT	20 mA	20	0180400000				
Socket	STB 8.5/5/2.3/M3 SAK2.5		50	0280600000				
Standard					WTA 8 TN	6 A	25	1915450000
Marking tags								
	DEK 5/6 MC NE WS		1000	1609820000				
					WS 12/6 MC NE WS		600	1609900000

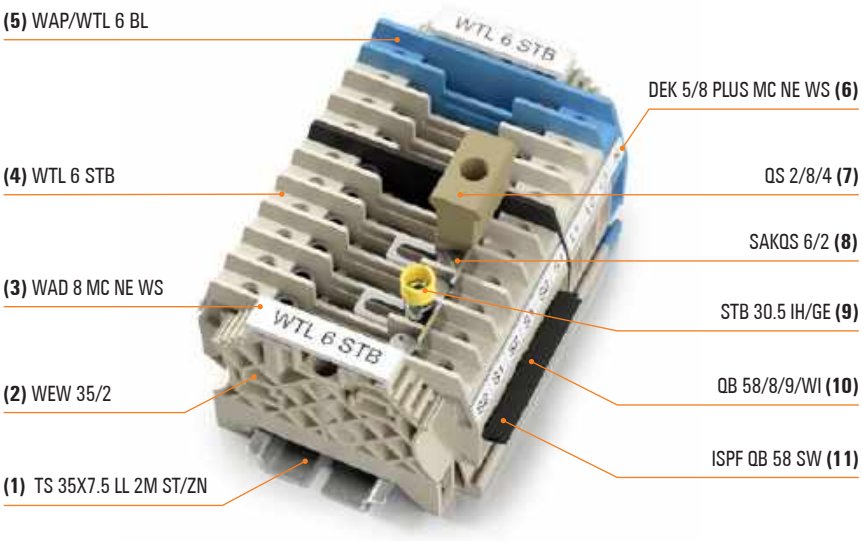
For detailed information on other accessories and application in the online catalogue

VA

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6 STB



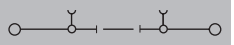
Ordering data

Pos.	Description		Type	Dimensions	Color	Order No.	Qty.
1	Mounting rail		TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	0514500000	2
2	End bracket		WEW 35/2	6 x 52.6 x 36.5 mm	beige*	1061200000	100
3	Group marker		WAD 8 MC NE WS	8 x 11.7 x 33.3 mm	white	1112940000	48
4	Instrument transformer wiring terminal block		WTL 6 STB	8.1 x 69 x 100 mm	beige*	2863880000	50
	Instrument transformer wiring terminal block		WTL 6 STB BL	8.1 x 69 x 100 mm	beige*	2863890000	50
	Instrument transformer wiring terminal block		WTL 6 STB SW	8.1 x 69 x 100 mm	beige*	2863900000	50
	Instrument transformer wiring terminal block		WTL 6 STB GR	8.1 x 69 x 100 mm	beige*	2863910000	50
5	End plate		WAP/WTL 6 BL	2.1 x 34 x 61 mm	blue	2863970000	20
	End plate		WAP/WTL 6	2.1 x 34 x 61 mm	beige	2863960000	20
	End plate		WAP/WTL 6 SW	2.1 x 34 x 61 mm	black	2868510000	20
	End plate		WAP/WTL 6 GR	2.1 x 34 x 61 mm	light grey	2868500000	20
	Partition plate		WTW WTL 6/1 4MM	1.5 x 65 x 44.5 mm	dark beige	1766900000	20
6	Terminal block marker		DEK 5/8 PLUS MC NE WS	8 x 2.2 x 5 mm	white	1046350000	800
7	Short circuit bridge (pluggable)	2-pole	QS 2/8/4	16 x 12 x 34.5 mm	silver	2709600000	20
8	Short circuit bridge (screwable with slider)	2-pole	SAKQS 6/2		silver	2111240000	10
	Short circuit bridge (screwable with slider)	4-pole	SAKQS 6/4		silver	2111670000	10
9	Test plug		STB 30.5 IH/GE	7.2 x 7.2 x 31.7 mm	yellow	0341500000	50
	Test plug		STB 30.5 IH/SW	7.2 x 7.2 x 31.7 mm	black	0341000000	50
	Test plug		STB 30.5 IH/GR	7.2 x 7.2 x 31.7 mm	light grey	0341100000	50
	Test plug		STB 30.5 IH/BL	7.2 x 7.2 x 31.7 mm	blue	0341200000	50
	Test plug		STB 30.5 IH/RT	7.2 x 7.2 x 31.7 mm	red	0341300000	50
	Test plug		STB 30.5 IH/GN	7.2 x 7.2 x 31.7 mm	green	0341400000	50
	Test plug		STB 30.5 IH/VI	7.2 x 7.2 x 31.7 mm	violet	0341600000	50
	Test plug		STB 30.5 IH/BR	7.2 x 7.2 x 31.7 mm	brown	1027870000	50
10	Cross-connection - straight 58-pole		QB 58/8/15	458.5 x 0.8 x 17.5 mm	silver	0545400000	10
10	Cross-connection - angled 58-pole		QB 58/8/9/WI	458.5 x 0.8 x 17.5 mm	silver	0545300000	10
11	Insulation profile (black) 58-pole		ISPF QB 58 SW	465 x 5.7 x 2.5 mm	black	0546000000	10
	Short circuit bridge (screwable and fixed) 2-pole		SAKQB 6/2		silver	2615330000	20
	Short circuit bridge (screwable and fixed) 3-pole		SAKQB 6/3		silver	2615340000	20
	Short circuit bridge (screwable and fixed) 4-pole		SAKQB 6/4		silver	2615360000	20
	Short circuit bridge (screwable and fixed) 10-pole		SAKQB 6/10		silver	2111230000	10
	Test plug		PS 4 F.STB 4	7.7 x 7.7 x 42 mm	red	0299600000	20

* More color variants in our online catalog

WTL 6 STB — 6 mm²

Width/Height/Depth	7.9 x 69 x 46.5 mm
max. current / max. cond. cross-section	**41 / 10** A
Max. clamping range	**0.5...10** mm²



Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500 V	150 V		
Rated current	41 A	30 A		
for wire cross-section	6 mm²	AWG 20...8		
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6
Tightening torque / Clamping screw Nm	0.8...1.2 / (M 3.5)
Tightening torque Separating screw Nm	0.5...0.8
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige	WTL 6 STB	50	**2863880000**
Blue	WTL 6 STB BL	50	**2863890000**
Black	WTL 6 STB SW	50	**2863900000**
light grey	WTL 6 STB GR	50	**2863910000**

Note

Accessories

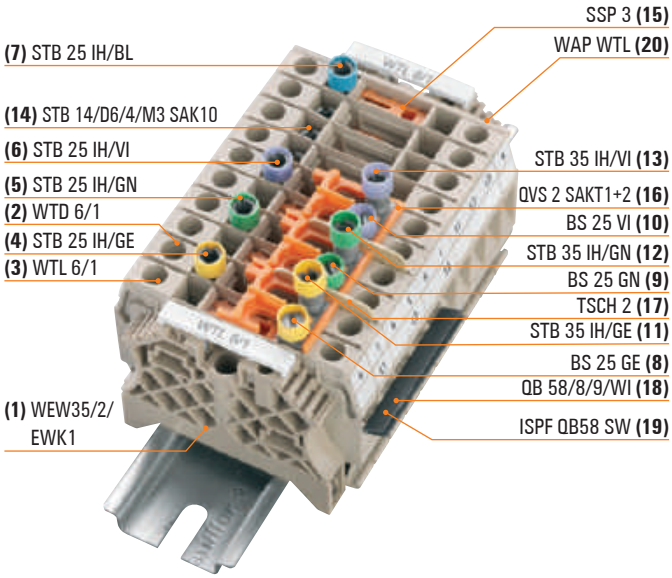
	Type		Qty.	Order No.
Short circuit bridge (screwable with slider)				
2-pole	SAKQS 6/2		10	**2111240000**
4-pole	SAKQS 6/4		10	**2111670000**
Short circuit bridge (screwable and fi xed)				
2-pole	SAKQB 6/2		20	**2615330000**
4-pole	SAKQB 6/4		20	**2615360000**
Short circuit bridge (pluggable)				
2-pole	QS 2/8/4	44 A	20	**0270960000**
Cross-connector				
58-pole, straight	QB 58/8/15	27 A	10	**0545400000**
58-pole, angled	QB 58/8/9/WI	27 A	10	**0545300000**
58-pole, Isolation profile (black)	ISPF QB58 SW		10	**0546000000**
Test socket				
yellow	STB 30.5 IH/GE		50	**0341500000**
green	STB 30.5 IH/GN		50	**0341400000**
violet	STB 30.5 IH/VI		50	**0341600000**
blue	STB 30.5 IH/BL		50	**0341200000**
End plate				
dark beige	WAP WTL 6		20	**2863960000**
blue	WAP WTL 6 BL		20	**2863970000**
Black	WAP WTL 6 SW		20	**2868510000**
green	WAP WTL 6 GR		20	**2868500000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.8X4.0X100		1	**2749360000**
Marking tags				
	DEK 5/8 PLUS MC NE WS		800	**1046350000**

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/1, WTD 6/1, WTQ 6/1



STB 35 IH/SW

(21) VH 19

WAP WTL

Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	2
2	WTD 6/1	1017100000	3
3	WTL 6/1	1016700000	7
4	STB 25 IH/GE	0267200000	1
5	STB 25 IH/GN	0271200000	1
6	STB 25 IH/VI	0271300000	1
7	STB 25 IH/BL	0343400000	1
8	BS 25 GE	0335700000	1
9	BS 25 GN	0335600000	1
10	BS 25 VI	0335800000	1
11	STB 35 IH/GE	0389000000	1
12	STB 35 IH/GN	0388900000	1
13	STB 35 IH/VI	0389100000	1
14	STB 14/D6/4/M3 SAK10	0169900000	3
15	SSP 3	0531760000	4
16	QVS 2 SAKT1+2	0307300000	3
17	TSCH 2	0353660000	2
18	QB 58/8/9/WI	0545300000	1
19	ISPF QB58 SW	0546000000	1
20	WAP WTL	1068300000	1
21	VH 19	0318000000	10

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
18	QB 58*angled	0545300000	0545300000	1
19	ISPFQB58SW*	0546000000	0546000000	1

* Shorten to 5 poles

	WTL 6/1	WTD 6/1
	6 mm²	6 mm²
	Longitudinal - disconnector	Feed-through
Width/Height/Depth mm	7.9 x 65 x 47.5	7.9 x 65 x 47.5
max. current / max. cond. cross-section A	**57 / 10**	**57 / 10**
Max. clamping range mm²	**0.5...10**	**0.5...10**

Technical data

Rated data		WTL 6/1	WTD 6/1
Rated voltage	V	630	630
Rated current	A	41	41
for wire cross-section	mm²	6	6
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0	A5 / V-0
Approvals		CE GB EAC KCC cULus	CE GB EAC KCC cULus
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²	0.5...10 / 1.5...10	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Tightening torque / Clamping screw	Nm	1...1.6 / (M 3.5)	1...1.6 / (M 3.5)
Tightening torque Separating screw	Nm	0.5...0.7	
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm	12 / 0.8 x 4.0 mm

	WTL 6/1	WTD 6/1
IEC	630	630
UL	300	300
CSA	300	300
EN 60079-7		
Rated connection		

Note

Ordering data

Version	WTL 6/1 Type	Qty.	Order No.	WTD 6/1 Type	Qty.	Order No.
With socket	WTL 6/1/STB	50	**1016900000**			
without socket	WTL 6/1	50	**1016700000**	WTD 6/1	50	**1017100000**

Note

Accessories

	Type		WTL 6/1 Qty.	WTL 6/1 Order No.	WTD 6/1 Qty.	WTD 6/1 Order No.
Screwable cross-connection						
2-pole	QL 2 SAK6N	41 A	50	**0194300000**	50	**0194300000**
3-pole	QL 3 SAK6N	41 A	50	**0194400000**	50	**0194400000**
4-pole	QL 4 SAK6N	57 A	50	**0194500000**	50	**0194500000**
10-pole	QL 10 SAK6N	41 A	20	**0338300000**	20	**0338300000**
Connecting sleeve	VH 12/4.9/3.3 SAK6N		100	**0249000000**	100	**0249000000**
Mounting screw	KISC M3X20 SAK10 CU5		100	**0377100000**	100	**0377100000**
End plate / Partition plate						
dark beige	WAP WTL6/1		20	**1068300000**	20	**1068300000**
dark beige	WTW WTL6/1 DB		20	**1068400000**	20	**1068400000**
Cross-connection slider						
2-pole	QVS 2 SAKT1+2	41 A	20	**0307300000**	20	**0307300000**
3-pole	QVS 3 SAKT1+2	41 A	20	**0329300000**	20	**0329300000**
Connecting sleeve for QVS	VH 19/6/4.2 SAKT1		50	**0318000000**	50	**0318000000**
4-pole						
Testing / Checking						
Socket - blue	STB 35 IH/BL		50	**0388700000**	50	**0388700000**
Socket - green	STB 35 IH/GN		50	**0388900000**	50	**0388900000**
Socket - yellow	STB 35 IH/GE		50	**0389000000**	50	**0389000000**
Socket - magenta	STB 35 IH/VI		50	**0389100000**	50	**0389100000**
Test plug						
Marking tags						
	DEK 5/8 MC NE WS		800	**1856740000**	800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**	540	**1609920000**
Miscellaneous accessories						
Lockout device						

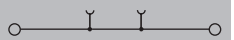
For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Screw connection

WTQ 6/1 — 6 mm²

Cross-connect/disconnect (isolator)

Width/Height/Depth	7.9 x 65 x 47.5 mm
max. current / max. cond. cross-section	**57 / 10** A
Max. clamping range	**0.5...10** mm²



Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Rated current A	41	45	50	
for wire cross-section mm²	6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0		
Approvals	CE GL EAC KTSS cULus			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	0.5...10 / 1.5...10			
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6			
Tightening torque / Clamping screw Nm	1...1.6 / (M 3.5)			
Tightening torque Separating screw -				
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
With socket	WTQ 6/1/STB	50	**1018100000**
without socket	WTQ 6/1	50	**1017900000**

Note

Accessories

	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
Connecting sleeve	VH 12/4.9/3.3 SAK6N		100	**0249000000**
Mounting screw	KISC M3X20 SAK10 CU5		100	**0377100000**
End plate / Partition plate				
dark beige	WAP WTL6/1		20	**1068300000**
dark beige	WTW WTL6/1 DB		20	**1068400000**
Cross-connection slider				
2-pole	QVS 2 SAKT1+2	41 A	20	**0307300000**
3-pole	QVS 3 SAKT1+2	41 A	20	**0329300000**
Connecting sleeve for QVS	VH 19/6/4.2 SAKT1		50	**0318000000**
4-pole	WKB 1/4	41 A	50	**1604320000**
Testing / Checking				
Socket - blue	STB 35 IH/BL		50	**0388700000**
Socket - green	STB 35 IH/GN		50	**0388900000**
Socket - yellow	STB 35 IH/GE		50	**0389000000**
Socket - magenta	STB 35 IH/VI		50	**0389100000**
Test plug	PS 4 F.STB 4		20	**0299600000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/6.5 MC NE WS		540	**1609920000**
Miscellaneous accessories				
Lockout device	SSP 3 SAKT1		100	**0531760000**

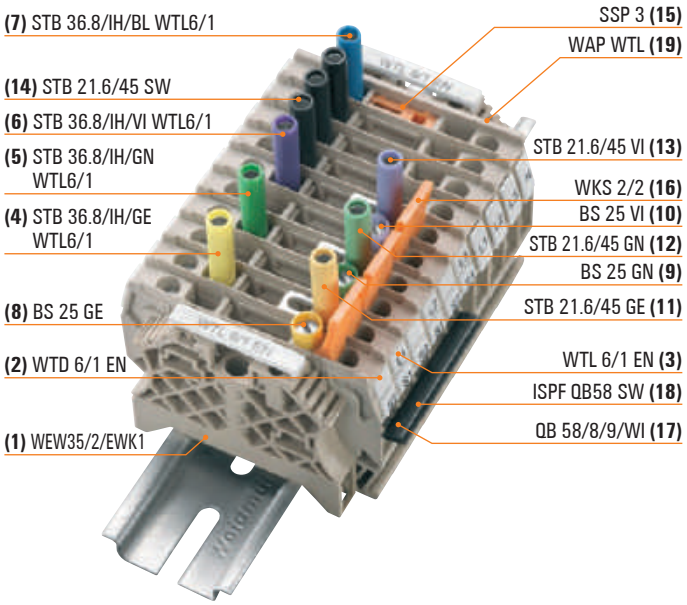
For detailed information on other accessories and application in the online catalogue

VA

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN



STB 21.6/45

(20) VH 16

WAP WTL

Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	**1061200000**	**0206160000**	2
2	WTD 6/1 EN	**1934830000**	**1934830000**	3
3	WTL 6/1 EN	**1934810000**	**1934810000**	7
4	STB 36.8/IH/GE WTL6/1	**1847760000**	**1847760000**	1
5	STB 36.8/IH/GN WTL6/1	**1847770000**	**1847770000**	1
6	STB 36.8/IH/VI WTL6/1	**1847780000**	**1847780000**	1
7	STB 36.8/IH/BL WTL6/1	**1847790000**	**1847790000**	1
8	BS 25 GE	**0335700000**	**0335700000**	1
9	BS 25 GN	**0335600000**	**0335600000**	1
10	BS 25 VI	**0335800000**	**0335800000**	1
11	STB 21.6/45 GE	**1936240000**	**1936240000**	2
12	STB 21.6/45 GN	**1936250000**	**1936250000**	2
13	STB 21.6/45 VI	**1936260000**	**1936260000**	2
14	STB 21.6/45 SW	**1936270000**	**1936270000**	2
15	SSP 3	**0531760000**	**0531760000**	7
16	WKS 2/2	**1936140000**	**1936140000**	3
17	QB 58/8/9/WI	**0545300000**	**0545300000**	1
18	ISPF QB58 SW	**0546000000**	**0546000000**	1
19	WAP WTL	**1957710000**	**1957710000**	1
20	VH 16	**0309700000**	**0309700000**	9

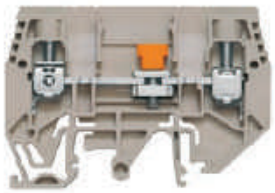
Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
17	QB 58*angled	**0545300000**	**0545300000**	1
18	ISPFQB58SW*	**0546000000**	**0546000000**	1

* Shorten to 5 poles

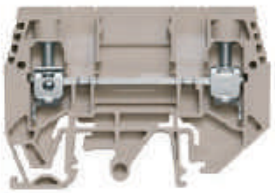
WTL 6/1 EN — 6 mm²

Longitudinal - disconnector



WTD 6/1 EN — 6 mm²

Feed-through (bushing)



		WTL 6/1 EN	WTD 6/1 EN
Width/Height/Depth	mm	7.9 x 68.5 x 47.5	7.9 x 65 x 47.5
max. current / max. cond. cross-section	A	**57 / 10**	**57 / 10**
Max. clamping range	mm²	**0.5...10**	**0.5...10**

Technical data

Rated data		WTL 6/1 EN	WTD 6/1 EN
		IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage	V	630 / 300 / 300	630 / 300 / 300
Rated current	A	41 / 45 / 45	41 / 45 / 45
for wire cross-section	mm²	6 / AWG 20...8 / AWG 20...8	6 / AWG 20...8 / AWG 20...8
Rated impulse withstand voltage / Pollution severity		6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0	A5 / V-0
Approvals		CE GS EAC UL	CE GS EAC UL
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...10 / 1.5...10	0.5...10 / 1.5...10
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6	0.5...10 / 0.5...6
Tightening torque / Clamping screw	Nm	1...1.6 / (M 3.5)	0.8...1.6 / (M 3.5)
Tightening torque Separating screw	Nm	0.5...0.7	
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm	12 / 0.8 x 4.0 mm
Note			

Ordering data

Version	WTL 6/1 EN — Type	Qty.	Order No.	WTD 6/1 EN — Type	Qty.	Order No.
With socket	WTL 6/1 EN STB	50	**1934820000**			
without socket	WTL 6/1 EN	50	**1934810000**	WTD 6/1 EN	50	**1934830000**
Note						

Accessories

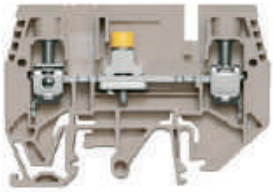
	WTL 6/1 EN — Type		Qty.	Order No.	WTD 6/1 EN — Type		Qty.	Order No.
Screwable cross-connection								
2-pole	WQV 6/2	57 A	50	**1052360000**	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate								
dark beige	WAP WTL6/1 EN		20	**1957710000**	WAP WTL6/1 EN		20	**1957710000**
dark beige	WTW WTL6/1 DB		20	**1068400000**	WTW WTL6/1 DB		20	**1068400000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Cross-connection slider								
2-pole	WKS 2/2	41 A	50	**1936140000**	WKS 2/2	41 A	50	**1936140000**
3-pole	WKS 2/3	41 A	50	**1936150000**	WKS 2/3	41 A	50	**1936150000**
4-pole	WKS 2/4	41 A	50	**1936160000**	WKS 2/4	41 A	50	**1936160000**
Connecting sleeve for QVS	VH 16/5/3.5 SAK10-35		50	**0309700000**	VH 16/5/3.5 SAK10-35		50	**0309700000**
Testing / Checking								
Socket - blue	STB 21.6/45 BL		50	**1936290000**	STB 21.6/45 BL		50	**1936290000**
Socket - yellow	STB 21.6/45 GE		50	**1936240000**	STB 21.6/45 GE		50	**1936240000**
Socket - green	STB 21.6/45 GN		50	**1936250000**	STB 21.6/45 GN		50	**1936250000**
Socket	STB 14/D6/4/M3 SAK10		500	**2012420000**	STB 14/D6/4/M3 SAK10		500	**2012420000**
Socket - blue	STB 36.8/IH/BL WTL6/1		50	**1847790000**	STB 36.8/IH/BL WTL6/1		50	**1847790000**
Socket - yellow	STB 36.8/IH/GE WTL6/1		50	**1847760000**	STB 36.8/IH/GE WTL6/1		50	**1847760000**
Socket - green	STB 36.8/IH/GN WTL6/1		50	**1847770000**	STB 36.8/IH/GN WTL6/1		50	**1847770000**
Miscellaneous accessories								
Lockout device								
Marking tags								
	DEK 5/8 MC NE WS		800	**1856740000**	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/8 PLUS MC NE WS		420	**1906000000**	WS 12/8 PLUS MC NE WS		420	**1906000000**

For detailed information on other accessories and application in the online catalogue

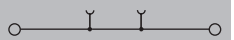
Instrument transformer wiring
Screw connection

WTQ 6/1 EN — 6 mm²

Cross-connect/disconnect (isolator)



Width/Height/Depth	7.9 x 65 x 47.5 mm
max. current / max. cond. cross-section	**57 / 10** A
Max. clamping range	**0.5...10** mm²



Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage V	500	300	300	
Rated current A	41	45	45	
for wire cross-section mm²	6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity		6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A5 / V-0		
Approvals	CE			

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 1.5...10
Flexible / Flexible with ferrule mm²	0.5...10 / 0.5...6
Tightening torque / Clamping screw -	/ (M 3.5)
Tightening torque Separating screw -	
Stripping length / Blade size mm/-	12 / 0.8 x 4.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
With socket	WTQ 6/1 EN STB	50	1934800000
without socket	WTQ 6/1 EN	50	1934790000

Note

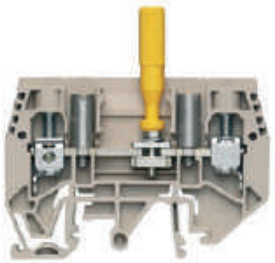
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000
End plate / Partition plate				
dark beige	WAP WTL6/1 EN		20	1957710000
dark beige	WTW WTL6/1 DB		20	1068400000
End bracket				
dark beige	WEW 35/2		50	1061200000
Cross-connection slider				
2-pole	WKS 2/2	41 A	50	1936140000
3-pole	WKS 2/3	41 A	50	1936150000
4-pole	WKS 2/4	41 A	50	1936160000
Connecting sleeve for QVS	VH 16/5/3.5 SAK10-35		50	0309700000
Testing / Checking				
Socket - blue	STB 21.6/45 BL		50	1936290000
Socket - yellow	STB 21.6/45 GE		50	1936240000
Socket - green	STB 21.6/45 GN		50	1936250000
Socket	STB 14/D6/4/M3 SAK10		500	2012420000
Socket - blue	STB 36.8/IH/BL WTL6/1		50	1847790000
Socket - yellow	STB 36.8/IH/GE WTL6/1		50	1847760000
Socket - green	STB 36.8/IH/GN WTL6/1		50	1847770000
Miscellaneous accessories				
Lockout device				
Marking tags				
	DEK 5/8 MC NE WS		800	1856740000
	WS 12/8 PLUS MC NE WS		420	1906000000

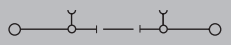
For detailed information on other accessories and application in the online catalogue

WTL 6/1/STB/TNSC/EN — 6 mm²

Longitudinal separator



Width/Height/Depth	mm	7.9 x 65 x 66
max. current / max. cond. cross-section	A	**57 / 10**
Max. clamping range	mm²	**0.5...10**



Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	630			
Rated current	A	41			
for wire cross-section	mm²	6			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A5 / V-0	
Approvals		CE EAC			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...10 / 1.5...			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6			
Tightening torque / Clamping screw	Nm	1...1.6 / (M 3.5)			
Tightening torque Separating screw	Nm	0.5...0.6			
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm			

Note

Ordering data

Version	Type	Qty.	Order No.
With socket	WTL 6/1/STB/TNSC/EN	50	**1938820000**
without socket	WTL 6/1/TNSC/EN	50	**1345280000**

Note

Accessories

	Type		Qty.	Order No.
Screwable cross-connection				
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate				
dark beige	WAP WTL6/1 EN		20	**1957710000**
dark beige	WTW WTL6/1 DB		20	**1068400000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Cross-connection slider				
2-pole	WKS 2/2	41 A	50	**1936140000**
3-pole	WKS 2/3	41 A	50	**1936150000**
4-pole	WKS 2/4	41 A	50	**1936160000**
Connecting sleeve for QVS	VH 16/5/3.5 SAK10-35		50	**0309700000**
Testing / Checking				
Socket - blue	STB 21.6/45 BL		50	**1936290000**
Socket - yellow	STB 21.6/45 GE		50	**1936240000**
Socket - green	STB 21.6/45 GN		50	**1936250000**
Socket	STB 14/D6/4/M3 SAK10		500	**2012420000**
Miscellaneous accessories				
Lockout device				
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/8 PLUS MC NE WS		420	**1906000000**

For detailed information on other accessories and application in the online catalogue

Accessories for test-disconnect terminals WTL 6/1

Technical data

Rated voltage for neighbouring	rated voltage
QVS	63 V
WQV	bis 400 V
QL	250 V

for neighbouring	rated voltage
STB 25	63 V
STB 30.5	63 V
STB 35	63 V

SSP WTL, **SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty.	Order No.
SSP 3	100	**0531760000**
SSP WTL	100	**1604200000**

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.

QVS 1

Cross-connection slider

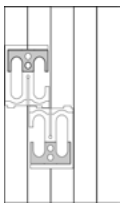
QVS QVS QVSK 2 QVS 2S

Type	No. of poles	Qty.	Order No.
QVS 2	2	20	**0307300000**
QVSK 2	2	20	**1670360000**
QVS 3	3	20	**0329300000**
QVS 4	4	20	**0307400000**
QVS 2S	2	20	**0358460000**

Note:
Not suitable for WTL 6/1 EN.

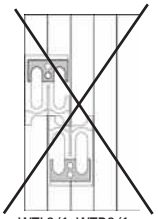
QVS 2 placed opposite each other cannot be switched.

QVSK 2
(167036)



WTL6/1, WTD6/1

QVS 2
(030730)



WTL6/1, WTD6/1

STB

Cross-connection slider

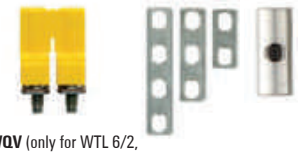
Type	Colour	Qty.	Order No.
STB 14			
STB 14		50	**0169900000**
STB 30,5			
STB 30.5	black	50	**0341000000**
STB 30.5	grey	50	**0341100000**
STB 30.5	blue	50	**0341200000**
STB 30.5	red	50	**0341300000**
STB 30.5	green	50	**0341400000**
STB 30.5	yellow	50	**0341500000**
STB 30.5	violet	50	**0341600000**
STB 35			
STB 35	yellow	50	**0389000000**
STB 35	green	50	**0388900000**
STB 35	violet	50	**0389100000**
STB 35	black	50	**0388500000**
STB 35	grey	50	**0388600000**
STB 35	blue	50	**0388700000**
STB 35	red	50	**0388800000**
Connecting sleeves			
VH19		50	**0318000000**

Accessories for test-disconnect terminals WTL 6/1 EN

BS / VH

Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	**0335700000**
BS 25	green	50	**0335600000**
BS 25	violet	50	**0335800000**
BS 25	grey	50	**0335300000**
BS 25	black	50	**0335200000**
BS 25	blue	50	**0335400000**
BS 25	red	50	**0335500000**
BS 25	blank	50	**0334700000**
STB 25			
STB 21.6/45 BL	blue	50	**1936290000**
STB 21.6/45 DB	d.blue	50	**1938790000**
STB 21.6/45 GE	yellow	50	**1936240000**
STB 21.6/45 GN	green	50	**1936250000**
STB 21.6/45 GR	grey	50	**1936280000**
STB 21.6/45 RT	red	50	**1936300000**
STB 21.6/45 SW	black	50	**1936270000**
STB 21.6/45 VI	violet	50	**1936260000**
Connecting sleeves			
VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy)		50	**0309700000**
STB 36,8			
STB 36.8/IH/DB WTL6/1		50	**1847740000**
STB 36.8/IH/GE WTL6/1		50	**1847760000**
STB 36.8/IH/GN WTL6/1		50	**1847770000**
STB 36.8/IH/VI WTL6/1		50	**1847780000**
STB 36.8/IH/BL WTL6/1		50	**1847790000**

WQV / QL



WQV (only for WTL 6/2, WTL 6/3)

Type	No. of poles	Qty.	Order No.
WQV			
WQV 6/2	2	50	**1052360000**
WQV 6/3	3	50	**1054760000**
WQV 6/4	4	50	**1054860000**
WQV 6/5	5	50	**1062660000**
WQV 6/7	7	50	**1062680000**
WQV 6/10	10	20	**1052260000**
QL			
QL 2	2	50	**0194300000**
QL 3	3	50	**0194400000**
QL 4	4	50	**0194500000**
QL 10	10	20	**0338300000**
QL 15	15	10	**0221200000**
Connecting sleeves			
VH 12 E-Cu 57 (copper alloy)		100	**0249000000**

WKB / WKS

WKB **WKS 1** **WKS 2**

Type	No. of poles	Qty.	Order No.
WKB			
WKB 1/2	2	50	**1604280000**
WKB 1/3	3	50	**1604300000**
WKB 1/4	4	50	**1604320000**
WKB 1/10	10	20	**1604330000**
WKS			
WKS 1/2	2	50	**1604270000**
WKS 1/3	3	50	**1604290000**
WKS 1/4	4	50	**1604310000**
WKS 2/2	2	50	**1936140000**
WKS 2/3	3	50	**1936150000**

QS 2

Type	No. of poles	Qty.	Order No.
QS			
QS 2 x = 8 mm, y = 16 mm	2	20	**0270960000**
QS 2 x = 10 mm, y = 20 mm	2	20	**0270860000**
QS 2 x = 12 mm, y = 20 mm	2	20	**0270760000**

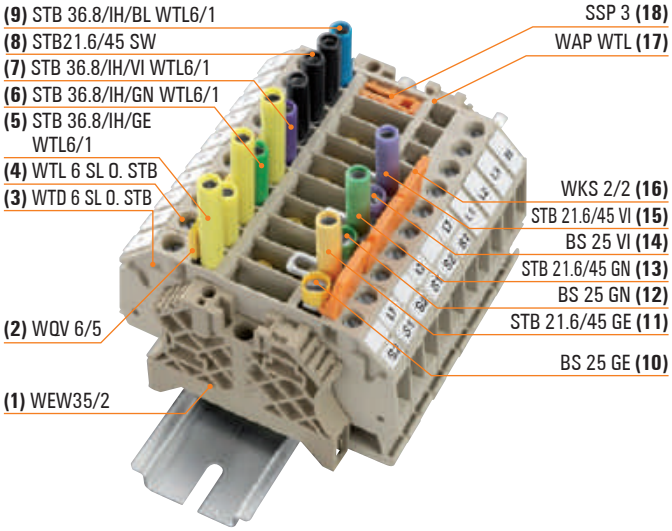
B

Testing made easy
WTL 6 SL / WTD 6 SL

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL test/disconnect terminals and the WTD 6 SL feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.

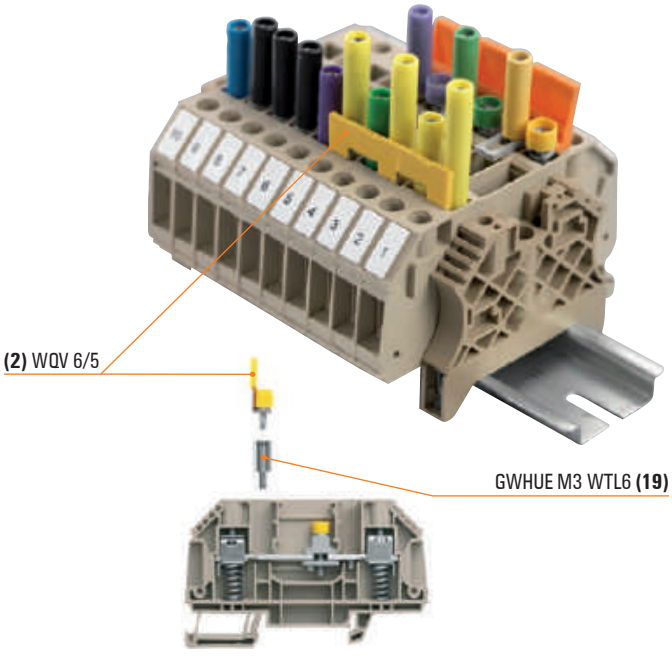


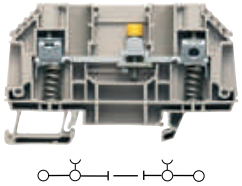
STB 21.6/45 DB

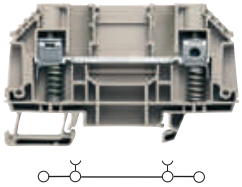
(20) VH 19

WAP WTL6 SL

Example transformer using WTL 6 SL / WTD 6 SL

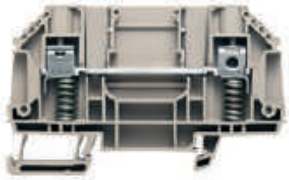



WTL 6 SL o. StB


WTD 6 SL o. StB

Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL O. STB	1238920000	3
4	WTL 6 SL O. STB	1238930000	7
5	STB 36.8/IH/GE WTL6/1	1847760000	4
6	STB 36.8/IH/GN WTL6/1	1847770000	1
7	STB 36.8/IH/VI WTL6/1	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL WTL6/1	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3
20	VH 19	0318000000	6

	WTL 6 SL	WTD 6 SL
	6 mm²	6 mm²
		Feed-through
		
Width/Height/Depth mm	7.9 x 82.7 x 50	7.9 x 82.7 x 50
max. current / max. cond. cross-section A	57 / 6	57 / 6
Max. clamping range mm²	0.5...6	0.5...6

Technical data

Rated data	WTL 6 SL	WTD 6 SL
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	630	630
for wire cross-section mm²	41	41
Rated impulse withstand voltage / Pollution severity	6	6
Gauge to IEC 60947-1 / UL 94 flammability rating	6 kV / 2	6 kV / 2
Approvals	A5 / V-0	A5 / V-0
	IEC UL CSA EN 60079-7	IEC UL CSA EN 60079-7
	CE EAC	CE EAC KCC
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...6 6	0.5...6 6
Flexible / Flexible with ferrule mm²	0.5...6	0.5...6
Tightening torque / Clamping screw Nm	0.8...1.6 / (M 3.5)	0.8...1.6 / (M 3.5)
Tightening torque Separating screw Nm	0.5...0.7	
Stripping length / Blade size mm/-	16 / 0.8 x 4.0 mm	16 / 0.8 x 4.0 mm
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
With socket	WTL 6 SL	50	1161690000	WTD 6 SL	50	9538090000
without socket	WTL 6 SL 0.STB	50	1238930000	WTD 6 SL 0.STB	50	1238920000
Note						

Accessories

Screwable cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	1052360000	WQV 6/2	57 A	50	1052360000
3-pole	WQV 6/3	57 A	50	1054760000	WQV 6/3	57 A	50	1054760000
4-pole	WQV 6/4	57 A	50	1054860000	WQV 6/4	57 A	50	1054860000
10-pole	WQV 6/10	57 A	20	1052260000	WQV 6/10	57 A	20	1052260000
Threaded bushing								
Standard	GWHUE M3 WTL6		50	1255010000	GWHUE M3 WTL6		50	1255010000
End plate / Partition plate								
Black	WAP WTL6 SL		20	9538110000	WAP WTL6 SL		20	9538110000
dark beige	WAP WTL6 SL 4-6		20	1238880000	WAP WTL6 SL 4-6		20	1238880000
dark beige	WTW EN		20	1058800000	WTW EN		20	1058800000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Hak. Cable lugs								
	HBT 1,5 - 4,6 RT		100	1233340000	HBT 1,5 - 4,6 RT		100	1233340000
	HBT 2,5 - 4,6 BL		100	1233330000	HBT 2,5 - 4,6 BL		100	1233330000
	HBT 6,0 - 4,6 GE		100	1216230000	HBT 6,0 - 4,6 GE		100	1216230000
Marking tags								
	WS 12/6.5 MC NE WS		540	1609920000	WS 12/6.5 MC NE WS		540	1609920000

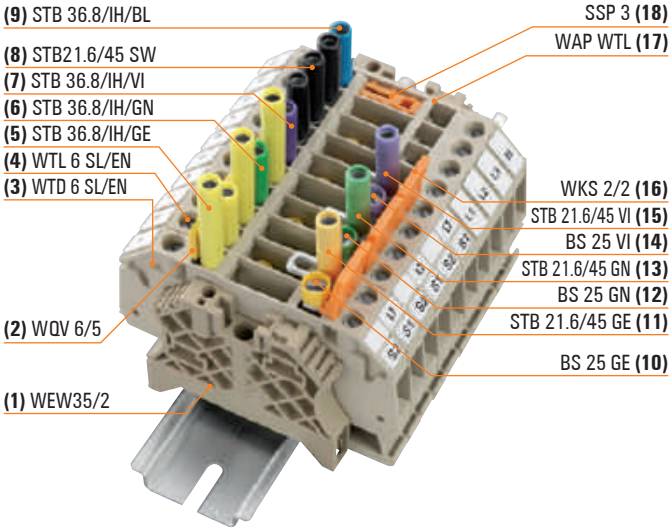
For detailed information on other accessories and application in the online catalogue

Testing made easy
WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers “run hot” and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.

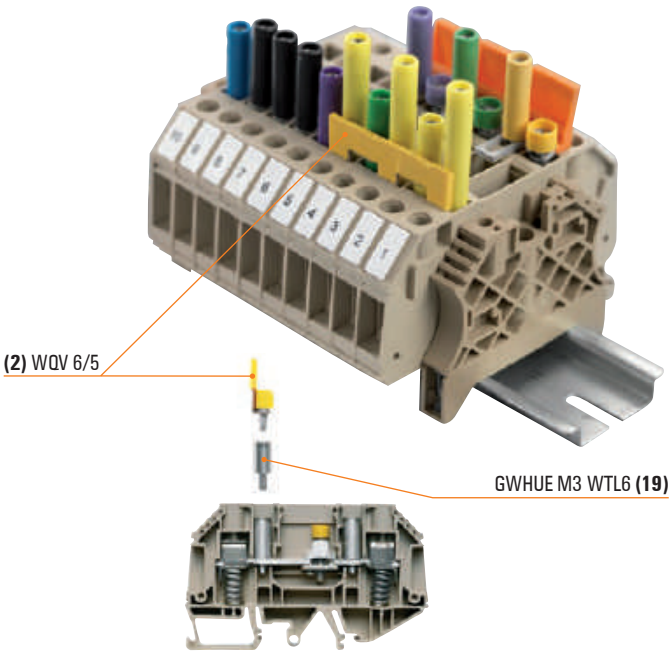


STB 21.6/45 DB

(20) VH 19

WAP WTL6 SL

Example transformer using WTL 6 SL EN / WTD 6 SL EN

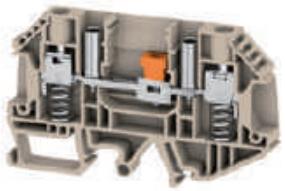


Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL EN	9538100000	3
4	WTL 6 SL EN	9538080000	7
5	STB 36.8/IH/GE	1847760000	4
6	STB 36.8/IH/GN	1847770000	1
7	STB 36.8/IH/VI	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3
20	VH 19	0318000000	6

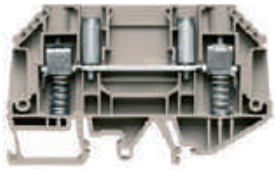
WTL 6 SL/EN — 6 mm²

Longitudinal - disconnector



WTD 6 SL/EN — 6 mm²

Feed-through



		WTL 6 SL/EN	WTD 6 SL/EN
Width/Height/Depth	mm	7.9 x 82.7 x 49.5	7.9 x 82.7 x 49.5
max. current / max. cond. cross-section	A	**57 / 6**	**57 / 6**
Max. clamping range	mm²	**0.5...6**	**0.5...6**

Technical data

		WTL 6 SL/EN	WTD 6 SL/EN
Rated data			
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Tightening torque / Clamping screw	Nm		
Tightening torque Separating screw	Nm		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
630			
41			
6			
		6 kV / 2	
		A5 / V-0	
CE EAC			

Rated connection
0.5...6 6
0.5...6
0.8...1.6 / (M 3.5)
0.5...0.7
16 / 0.8 x 4.0 mm

IEC	UL	CSA	EN 60079-7
630			
41			
6			
		6 kV / 2	
		A5 / V-0	
CE EAC KCC			

Rated connection
0.5...6 6
0.5...6
0.8...1.6 / (M 3.5)
16 / 0.8 x 4.0 mm

Note

Ordering data

Version	Type	Qty.	Order No.
With socket	WTL 6 SL/EN	50	**9538080000**

Note

Type	Qty.	Order No.
WTD 6 SL/EN	50	**9538100000**

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole				
4-pole				
10-pole	WQV 6/10	57 A	20	**1052260000**
End plate / Partition plate				
Black	WAP WTL6 SL		20	**9538110000**
dark beige	WAP WTL6 SL 4-6		20	**1238880000**
dark beige	WTW EN		20	**1058800000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Hak. Cable lugs				
	HBT 1,5 - 4,6 RT		100	**1233340000**
	HBT 2,5 - 4,6 BL		100	**1233330000**
	HBT 6,0 - 4,6 GE		100	**1216230000**
Marking tags				
	WS 12/6.5 MC NE WS		540	**1609920000**
Threaded bushing				
Standard	GWHUE M3 WTL6		50	**1255010000**

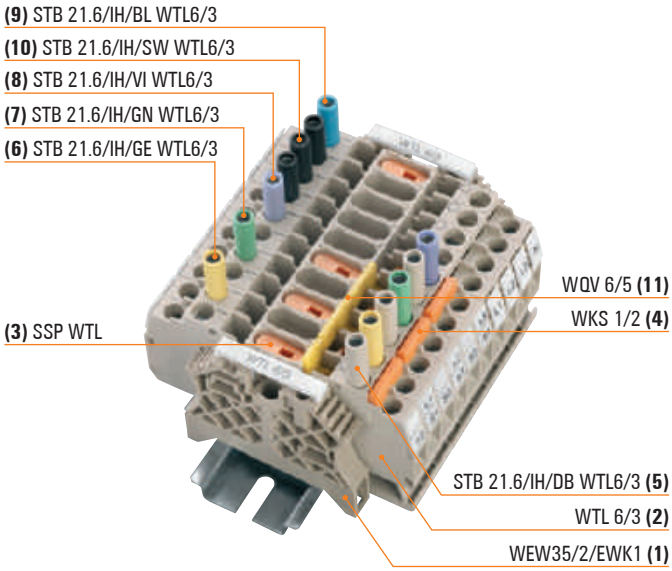
Type		Qty.	Order No.
WQV 6/2	57 A	50	**1052360000**
WQV 6/3	57 A	50	**1054760000**
WQV 6/4	57 A	50	**1054860000**
WQV 6/10	57 A	20	**1052260000**
WAP WTL6 SL		20	**9538110000**
WAP WTL6 SL 4-6		20	**1238880000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
HBT 1,5 - 4,6 RT		100	**1233340000**
HBT 2,5 - 4,6 BL		100	**1233330000**
HBT 6,0 - 4,6 GE		100	**1216230000**
WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/3



Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTL 6/3	1018800000		10
3	SSP WTL	1604200000	1604200000	4
4	WKS 1/2	1604270000	1604270000	3

Optionally available for better labelling for WTL 6/3 (instead of 14 x pos. 3):

Pos.	Type	Order No.	Order No.	Qty.
5	STB 21.6/IH/DB WTL6/3	1071000000	1071000000	7
6	STB 21.6/IH/GE WTL6/3	1071010000	1071010000	2
7	STB 21.6/IH/GN WTL6/3	1071020000	1071020000	2
8	STB 21.6/IH/VI WTL6/3	1071030000	1071030000	2
9	STB 21.6/IH/BL WTL6/3	1071080000	1071080000	1
10	STB 21.6/IH/SW WTL6/3	1071040000	1071040000	3

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
11	WQV 6/5	1062660000	1062660000	1

WTL 6/3 — 6 mm²

Longitudinal - disconnector

Width/Height/Depth	mm	7.9 x 87 x 64
max. current / max. cond. cross-section	A	**57 / 10**
Max. clamping range	mm²	**0.5...10**

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	300	300	
Rated current	A	41	45	45	
for wire cross-section	mm²	6	AWG 20...8	AWG 20...8	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...10 / 10...10			
Flexible / Flexible with ferrule	mm²	0.5...10 / 0.5...6			
Tightening torque (clamping screw for copper conductors)	-	/ (M 3.5)			
Tightening torque (separating screw)	-				
Stripping length / Blade size	mm/-	12 / 0.8 x 4.0 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
With socket	WTL 6/3/STB	50	**1018600000**
without socket	WTL 6/3	50	**1018800000**
Note	TS 32 version on request		

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 6/2	57 A	50	**1052360000**
3-pole	WQV 6/3	57 A	50	**1054760000**
4-pole	WQV 6/4	57 A	50	**1054860000**
10-pole	WQV 6/10	57 A	20	**1052260000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Cross-connection slider				
2-pole	WKS 1/2	41 A	50	**1604270000**
3-pole	WKS 1/3	41 A	50	**1604290000**
4-pole	WKS 1/4	41 A	50	**1604310000**
Testing / Checking				
Test plug	PS 4 F.STB 4		20	**0299600000**
Socket - blue	STB 21.6/IH/BL WTL6/3		50	**1071080000**
Socket - yellow	STB 21.6/IH/GE WTL6/3		50	**1071010000**
Socket - green	STB 21.6/IH/GN WTL6/3		50	**1071020000**
Socket - magenta	STB 21.6/IH/VI WTL6/3		50	**1071030000**
Miscellaneous accessories				
Lockout device	SSP WTL6/2		100	**1604200000**
Marking tags				
	DEK 5/8 MC NE WS		800	**1856740000**
	WS 12/8 PLUS MC NE WS		420	**1906000000**

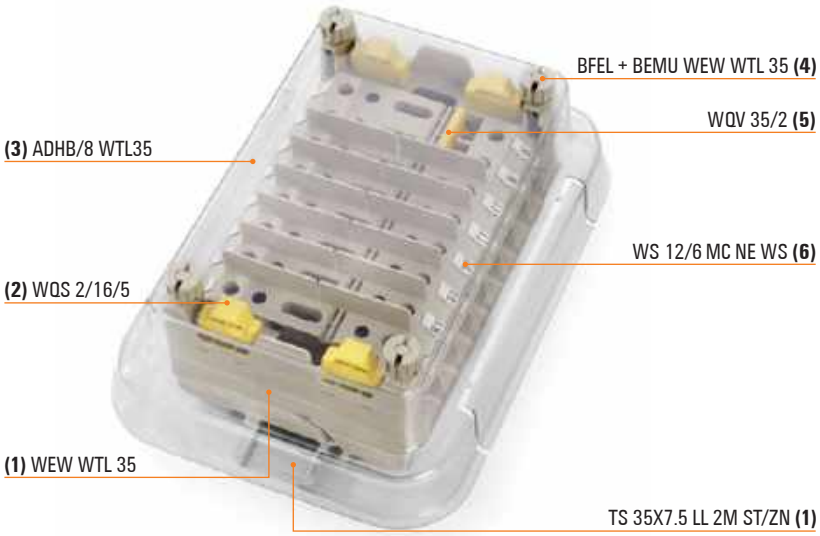
For detailed information on other accessories and application in the online catalogue

For further modular disconnect test terminal accessories, refer to chapter on Accessories.

Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

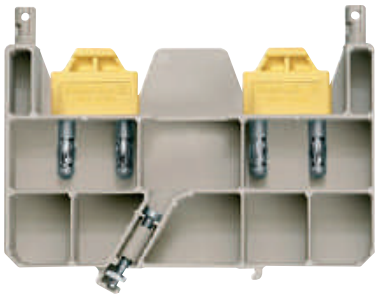
WTL 35



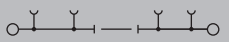
Ordering data

Pos.	Type	Order No.	Qty.
1	WEW WTL 35	**1925040000**	10
2	WQS 2/16/5	**1925070000**	10
3	ADHB/8 WTL35	**2334730000**	25
4	BFEL + BEMU WEW WTL 35	**1964820000**	20
5	WQV 35/2	**1053060000**	50
6	WS 12/6 MC NE WS	**1609900000**	600
7	TS 35X7.5 LL 2M ST/ZN	**0514500000**	2

WTL 35 | 35 mm²



Width/Height/Depth	mm	16 x 100 x 67.5
max. current / max. cond. cross-section	A	**125 / 35**
Max. clamping range	mm²	**4...35**



Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500			
Rated current	125			
for wire cross-section	35			
Rated impulse withstand voltage / Pollution severity			6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B9 / V-0	
Approvals	CE EAC			
Clamped conductors (H05V/H07V)	**Rated connection**			
Solid / Stranded mm²	4...16 / 10...35			
Flexible / Flexible with ferrule mm²	4...35 / 4...35			
Tightening torque / Clamping screw -	/ (M 6)			
Tightening torque Separating screw Nm	1.7...2.4			
Stripping length / Blade size mm/-	18 / 6.5 x 1.2 mm			
Note				

Ordering data

Version	Type	Qty.	Order No.
with 2 sockets	WTL 35/1STB/WQV	10	1925050000
With socket	WTL 35/2STB	10	1925030000
with Socket	WTL 35/1STB	10	1925060000
Note			

Accessories

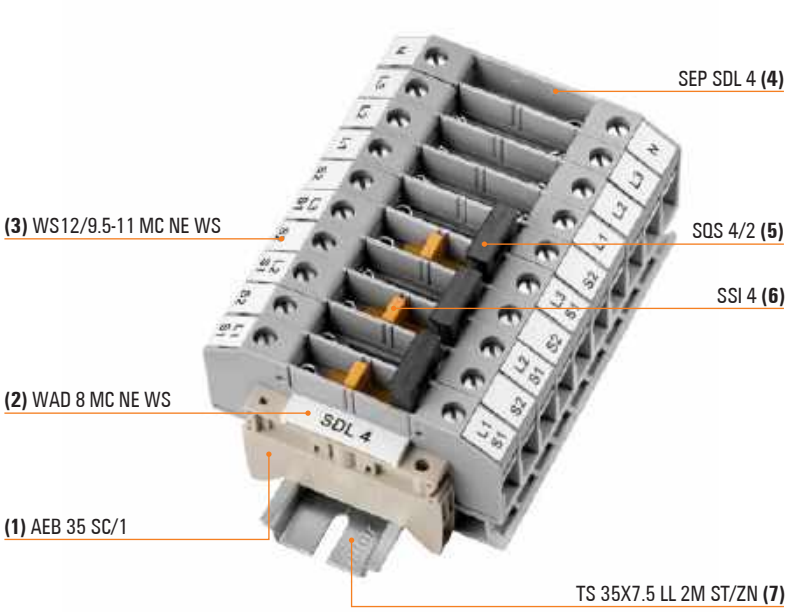
Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 35/2	138 A	50	1053060000
	WQS 2/16/5	44 A	10	1925070000
End bracket				
dark beige	WEW WTL 35		10	1925040000
Cover				
	ADHB/8 WTL35		25	2334730000
Fastenings				
	BFEL + BEMU WEW WTL 35		20	1964820000
Screwdriver				
Standard	SDS 1.2X6.5X150		1	2749390000
Marking tags				
	WS 12/6 MC NE WS		600	1609900000

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring
Threaded stud connection

Test-disconnect terminal blocks

SDL 4



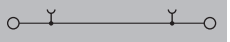
Ordering data

Pos.	Type	Order No.	Qty.
1	AEB 35 SC/1	**1991920000**	50
2	WAD 8 MC NE WS	**1112940000**	48
3	WS 12/9.5-11 MC NE WS	**2484220000**	300
4	SEP SDL 4	**2615020000**	50
5	SQS 4/2	**2615250000**	20
	SQS 4/4	**2615260000**	10
6	SSI 4	**2615270000**	50
7	TS 35X7.5 LL 2M ST/ZN	**0514500000**	2

	SDL 4	6 mm²	SDL 4 FT	6 mm²

Width/Height/Depth	mm	11 x 86 x 51.5
Rated current / max. cond. cross-section	A	**41 / 6 mm²**
Max. clamping range	mm²	**1.5...6**

Width/Height/Depth	mm	11 x 86 x 51.5
Rated current / max. cond. cross-section	A	**41 / 6 mm²**
Max. clamping range	mm²	**1.5...6**



Technical data

Rated data with Wemid partition wall		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	600		
Rated current	A	41	35		
for wire cross-section	mm²	6			
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating					
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		1.5...6 mm²			
2 x cable lugs DIN 46 234		1.5...6 mm²			
Cable lug to DIN 46235		1.5...6 mm²			
2 x cable lugs DIN 46 235		1.5...6 mm²			
Tightening torque		1.2...1.2 Nm			
Note					

		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	600		
Rated current	A	41	50		
for wire cross-section	mm²	6	AWG 22...8		
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating					
Approvals					
Clamped cable lugs					
Cable lug to DIN 46234		1.5...6 mm²			
2 x cable lugs DIN 46 234		1.5...6 mm²			
Cable lug to DIN 46235		1.5...6 mm²			
2 x cable lugs DIN 46 235		1.5...6 mm²			
Tightening torque		1.2...1.2 Nm			
Note					

Ordering data

Version		Type	Qty.	Order No.
	dark beige	SDL 4	50	**2614980000**
Note				

Version		Type	Qty.	Order No.
	dark beige	SDL 4 FT	50	**2614970000**
Note				

Accessories

Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	SRQB 4/2	41 A	100	**2615220000**
	3-pole	SRQB 4/3	41 A	50	**2615230000**
	4-pole	SRQB 4/4	41 A	50	**2615240000**
	2-pole	SQS 4/2	41 A	20	**2615250000**
	4-pole	SQS 4/4	41 A	10	**2615260000**
Cross-connection permanent					
	2-pole	SQB 4/2	41 A	100	**2615140000**
	3-pole	SQB 4/3	41 A	50	**2615150000**
	4-pole	SQB 4/4	41 A	50	**2615160000**
End plate					
	dark beige	SEP SDL 4		50	**2615020000**
End bracket					
	dark beige, screwable	AEB 35 SC/1		50	**1991920000**
Screwdriver					
	Standard	SDS 1.0X5.5X150		1	**2749380000**
Marking tags					
		WS 12/9.5-11 MC NE WS		300	**2484220000**

Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	SRQB 4/2	41 A	100	**2615220000**
	3-pole	SRQB 4/3	41 A	50	**2615230000**
	4-pole	SRQB 4/4	41 A	50	**2615240000**
	2-pole	SQS 4/2	41 A	20	**2615250000**
	4-pole	SQS 4/4	41 A	10	**2615260000**
Cross-connection permanent					
	2-pole	SQB 4/2	41 A	100	**2615140000**
	3-pole	SQB 4/3	41 A	50	**2615150000**
	4-pole	SQB 4/4	41 A	50	**2615160000**
End plate					
	dark beige	SEP SDL 4		50	**2615020000**
End bracket					
	dark beige, screwable	AEB 35 SC/1		50	**1991920000**
Screwdriver					
	Standard	SDS 1.0X5.5X150		1	**2749380000**
Marking tags					
		WS 12/9.5-11 MC NE WS		300	**2484220000**

For detailed information on other accessories and application in the online catalogue

Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest spaces

With the current levels of automation, there are more and more sensors monitoring the production process. This increases the number of signals to be combined and structured. Given the restricted space in the panel, this can become a real challenge. Our application-specific initiator/actuator terminal blocks (AIO) are specially designed for the signal wiring requirements posed by automation now and into the future. You can benefit from tailored, really compact solutions for the structured wiring of initiator and actuator signals with the input and output modules of a programmable logic controller (PLC).

Our promise

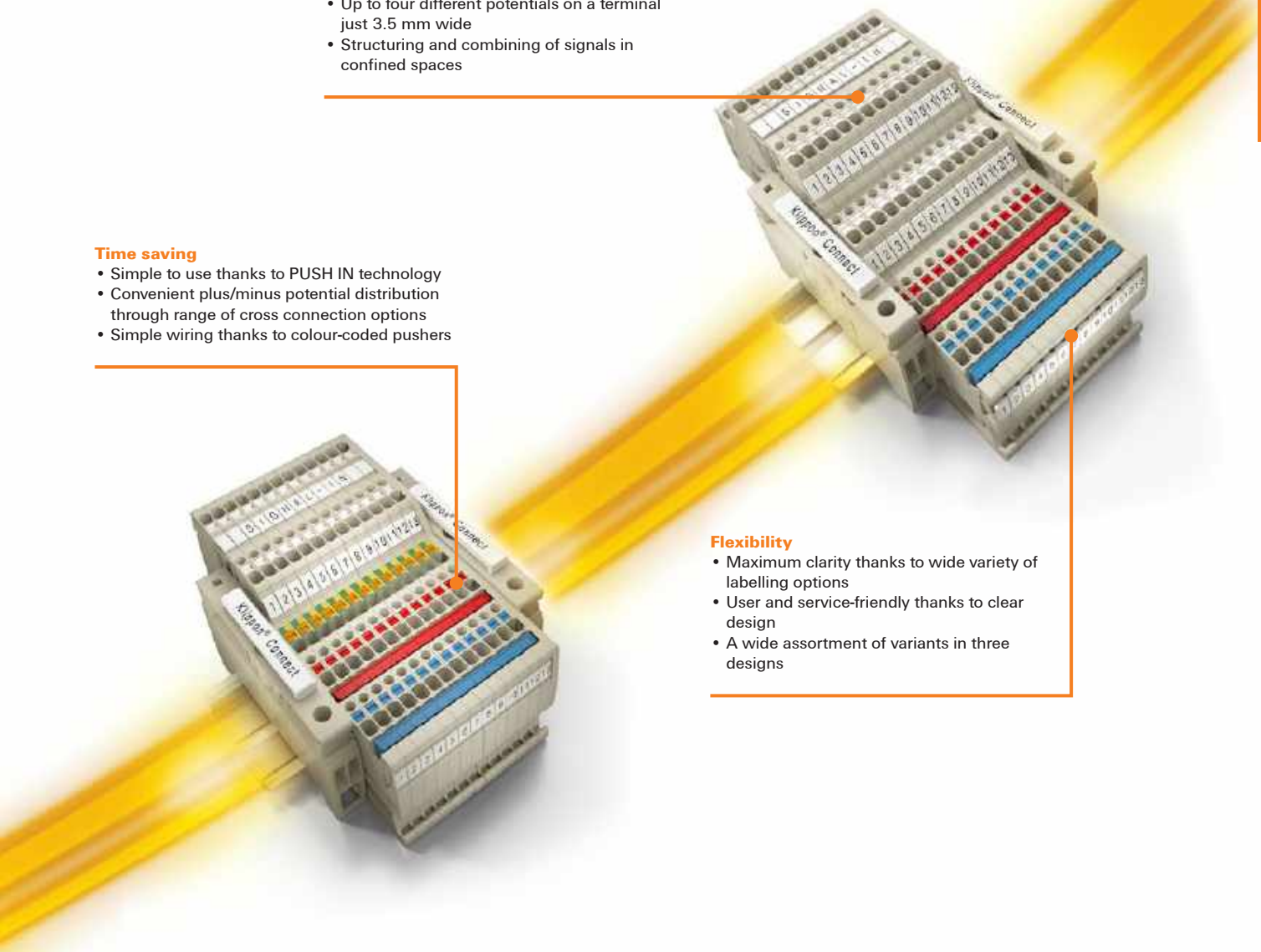
With tailored application products, Klippon® Connect offers all the benefits required for structured wiring of initiator and actuator signals. The simple handling and the maximum flexibility in the choice of design meets the requirements for reliable signal wiring simply, efficiently and safely.

Safety

- Test options on every terminal
- Vibration-resistant and gas-tight connections
- Top-level safety for machines and systems

Space saving
- Up to four different potentials on a terminal just 3.5 mm wide
- Structuring and combining of signals in confined spaces

Time saving
- Simple to use thanks to PUSH IN technology
- Convenient plus/minus potential distribution through range of cross connection options
- Simple wiring thanks to colour-coded pushers



Flexibility
- Maximum clarity thanks to wide variety of labelling options
- User and service-friendly thanks to clear design
- A wide assortment of variants in three designs

Our range

Extreme flexibility in potential distribution:
With our application products, you can achieve effective and safe potential distribution while looping the signals to the I/O system. You can benefit from increased wiring density with more potentials on a single terminal block. This not only saves space, but also reduces the time required to assemble the terminal block.

Free choice of design:
Our application products for signal wiring (AIO) are available in three designs. Depending on the design, you can connect 3- or 4-wire sensors or actuators. The large number of variants, e.g. with built-in PE function, allows maximum flexibility when it comes to designing the signal feed.

AIO – sensor-actuator terminal blocks

	AIO21 1.5 SI	AIO21 1.5 SO
	1.5 mm²	1.5 mm²

Width/Height/Depth	3.5 x 80 x 42	3.5 x 80 x 42
max. current / max. cond. cross-section	13.5 / 1.5	13.5 / 1.5
Max. clamping range	0.14...1.5	0.14...1.5

Technical data

	AIO21 1.5 SI	AIO21 1.5 SO
Rated data		
Rated voltage	250 V	250 V
Rated current	13.5 A	13.5 A
for wire cross-section	1.5 mm²	1.5 mm²
Rated impulse withstand voltage / Pollution severity	4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A1 / V-0	A1 / V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	mm²
Flexible / Flexible with ferrule	mm²	mm²
Stripping length / Blade size	mm/-	mm/-
Note		

	AIO21 1.5 SI	AIO21 1.5 SO
In accordance with IEC 60947-7-1	Ex eb II C Gb II 2 G D	Ex eb II C Gb II 2 G D
IEC	250	250
UL	150	150
CSA	150	150
EN 60079-7	220	220
	13.5	13.5
	13	13
	13	13
	12	12
	1.5	1.5
	AWG 26...14	AWG 26...14
	AWG 26...14	AWG 26...14
	1.5 mm²	1.5 mm²
Rated connection		
	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
	0.5...1.5 / 0.5...1	0.5...1.5 / 0.5...1
	8 / 0.4 x 2.0 mm	8 / 0.4 x 2.0 mm

Ordering data

Version	Type	Qty.	Order No.
dark beige	AIO21 1.5 SI	100	1992260000
Orange	AIO21 1.5 SI OR	100	2579610000
Note			

Type	Qty.	Order No.
AIO21 1.5 SO	100	1992240000
AIO21 1.5 SO OR	100	2579570000

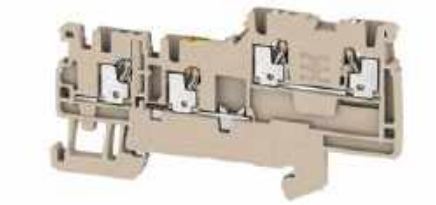
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole/ red	ZQV 1.5N/2 RD	17.5 A	60	1985650000
10-pole / red	ZQV 1.5N/10 RD	17.5 A	20	1985800000
2-pole / blue	ZQV 1.5N/2 BL	17.5 A	60	1985530000
10-pole/ blue	ZQV 1.5N/10 BL	17.5 A	20	1985680000
End plate				
	AEP IO21		50	1993580000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 1.5 MI-R	0.2 A	50	1991880000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDS 0.4X2.0X60		1	2749260000
Marking tags				
	DEK 5/3.5 MM WS		1000	2007100000
	WS 8/3.5 MM WS		1000	2007140000
	DEK 5/3.5 PLUS MC NE WS		1600	2003750000

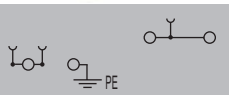
Type		Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO21		50	1993580000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

For detailed information on other accessories and application in the online catalogue

AIO21 1.5 SO-PE — 1.5 mm²



3.5 x 80 x 42
13.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1 — Ex eb II C Gb II 2 G D

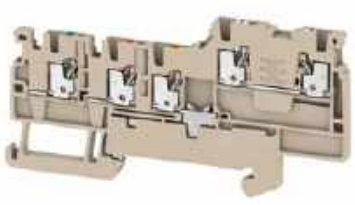
IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm²
4 kV / 3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

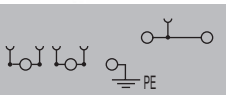
Type	Qty.	Order No.
AIO21 1.5 SO-PE	100	1992250000
AIO21 1.5 SO-PE OR	100	2579580000

Type		Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO21		50	1993580000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AIO22 1.5 SI-PE — 1.5 mm²



3.5 x 89 x 45
13.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1 — Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm²
4 kV / 3			
A1 / V-0			

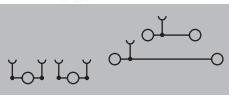
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AIO22 1.5 SI-PE	100	1992230000
AIO22 1.5 SI-PE OR	100	2579640000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO22		50	1993590000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

AIO23 1.5 2SI — 1.5 mm²

3.5 x 110 x 49.5
13.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1 — Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm²
4 kV / 3			
A1 / V-0			

Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AIO23 1.5 2SI	100	1992220000
AIO23 1.5 2SI OR	100	2579620000

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO23		50	1993600000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

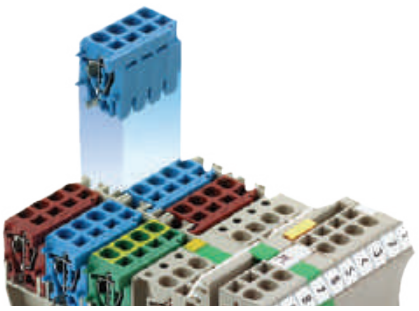
A modular distribution system with proven tension-clamp connections

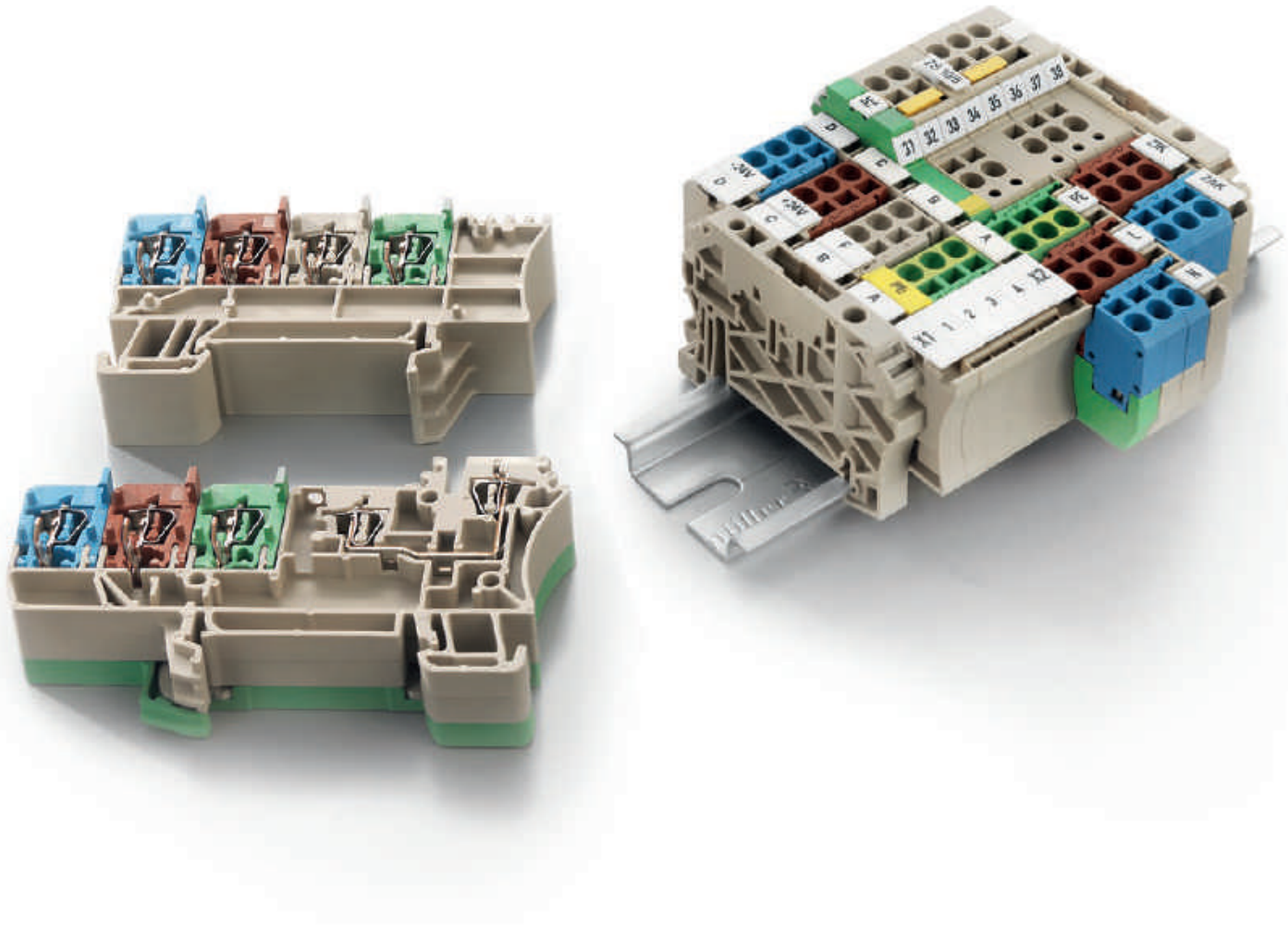
Distribution terminal bars from stackable single modules, consisting of carrier and base elements

The basis for this modular system is the side-by-side mounting of the individual modules of the distribution terminals with their integral cross-connection. The female contact is on one side, the male contact on the other. Thanks to the modular thin-element design, variable distribution strips can be set up to suit the application. The base elements, which are clipped onto TS 35 terminal rails, form the supports for these module combinations. These base elements are available in a number of different versions:

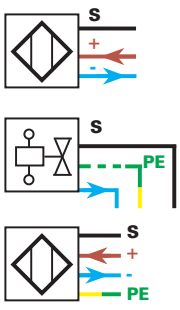
- Carrier elements with and without signal lines for 3- and 4-wire connections
- Modular construction which enables individual configuration

Simple operation
The distribution terminals with integrated cross-connections can be joined together and be snapped into the base elements by hand.

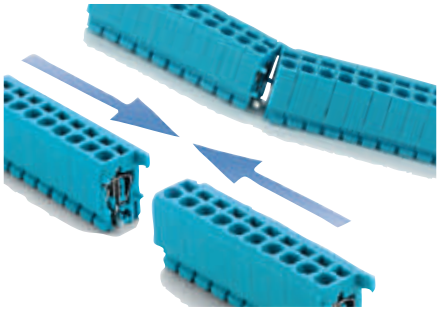




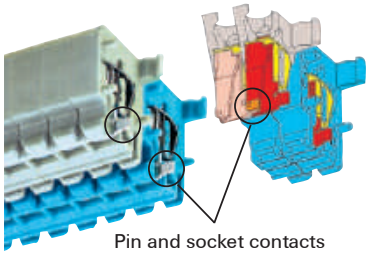
For initiators and actuators
The modular distribution strip system is a convenient way to supply initiators and actuators with three- or four-wire power connections.



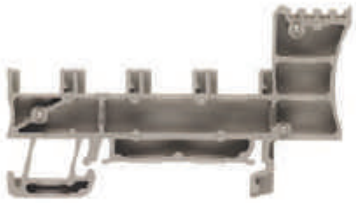
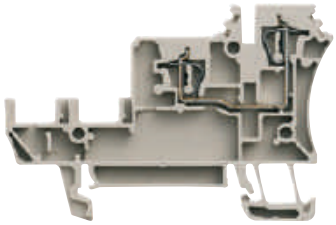
Modular system
Variable number of poles available on account of their simple connection or seperation capabilities.



Integrated cross-connection
Potential distribution with integrated cross-connections of the male and female contacts.



Pin and socket contacts

	ZPV 1.5	1.5 mm²	ZIA 1.5/3 L...	1.5 mm²
	Flange-mounted housing		Base element 4-wire	
				
Width/Height/Depth mm	5.1 x 67.8 x 38.35		5.08 x 68.5 x 45.5	
max. current / max. cond. cross-section -/-			/ 2.5	
Max. clamping range -			0.13...2.5	

Technical data

	ZPV 1.5				ZIA 1.5/3 L...			
Rated data	IEC 60947-7-1				In accordance with IEC 60947-7-1			
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	250	300			250	300	300	
Max. voltage of clamp support & pluggable system -								
Rated current A	17.5	10			17.5	10	10	
for wire cross-section mm²	1.5	AWG 26...14	AWG 26...14		1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		4 kV / 3				4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0				A1 / V-0		
Approvals	CE SEV EAC UL				CE SEV EAC UL			
Clamped conductors (H05V/H07V)								
Solid / Stranded -					0.5...2.5			
Flexible / Flexible with ferrule -					0.5...2.5 / 0.5...1.5			
Stripping length / Blade size mm/-	7 /				7 / 0.6 x 3.5 mm			
Note					Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)			

Ordering data

Version	ZPV 1.5 Type	Qty.	Order No.	ZIA 1.5/3 L... Type	Qty.	Order No.
Base terminal	ZPV 1.5	100	1676630000	ZIA 1.5/3L-1S	100	1651980000
Base terminal with LED				ZIA 1.5/3L-1S/LD-RT	50	1651990000
PE base terminal				ZIA 1.5/3L-PE	20	1652000000
Note						

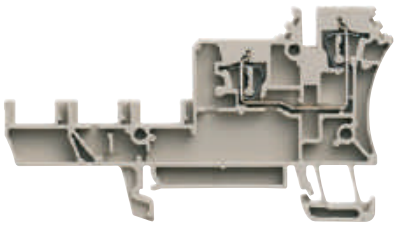
Accessories

	ZPV 1.5 Type	Qty.	Order No.	ZIA 1.5/3 L... Type	Qty.	Order No.
Plug-in cross-connection						
2-pole				ZQV 2.5/2 24 A	60	1608860000
3-pole				ZQV 2.5/3 24 A	60	1608870000
4-pole				ZQV 2.5/4 24 A	60	1608880000
10-pole				ZQV 2.5/10 24 A	20	1608940000
50-pole				ZQV 2.5/50 24 A	10	1697540000
Reducing sleeves						
for conductors < 0.5 mm² / AWG 20				ZRH 1.5N/1	1000	1632140000
for conductors < 1.0 mm² / AWG 18				ZRH 1.5N/2	1000	1632130000
End plate / Partition plate						
dark beige	ZAP/TW ZPV1.5	50	1674650000	ZAP/TW ZIA1.5/3L	50	1649540000
With spigot						
Without peg						
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	2749610000	SDIS SLIM 0.6X3.5X100	1	2749610000
Marking tags						
	DEK 5/5 MC NE WS	1000	1609801044	DEK 5/5 MC NE WS	1000	1609801044
	WS 12/5 MC NE WS	720	1609860000			

For detailed information on other accessories and application in the online catalogue

ZIA 1.5/4 L... — 1.5 mm²

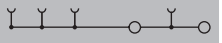
Base element 4-wire



ZVL 1.5 — 1.5 mm²

Distribution strip

Width/Height/Depth	mm	5.08 x 81.5 x 45.5
max. current / max. cond. cross-section	-/mm²	/ 2.5
Max. clamping range	mm²	0.13...2.5



Width/Height/Depth	mm	5.08 x 12.9 x 17.45
max. current / max. cond. cross-section	-/mm²	/ 2.5
Max. clamping range	mm²	0.13...2.5

Technical data

Rated data		In accordance with IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Max. voltage of clamp support & pluggable system	-				
Rated current	A	17.5	10	10	
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A1 / V-0			
Approvals		CE SEV EAC UL			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...1.5			
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm			
Note		Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)			

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Max. voltage of clamp support & pluggable system	-				
Rated current	A	17.5	10	10	
for wire cross-section	mm²	1.5	AWG 26...14	AWG 26...14	
Rated impulse withstand voltage / Pollution severity		4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		A2 / V-0			
Approvals		CE SEV UL			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...2.5			
Flexible / Flexible with ferrule	mm²	0.5...2.5 / 0.5...2.5			
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige			
dark beige			
Blue			
Green/yellow			
Base terminal	ZIA 1.5/4L-1S	100	1652010000
Base terminal with LED	ZIA 1.5/4L-1S/LD	50	1652020000
PE base terminal	ZIA 1.5/4L-PE	20	1652030000
Brown			
Note			

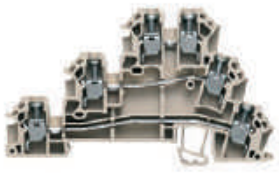
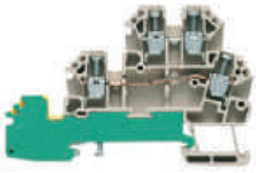
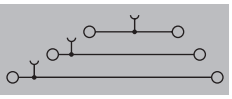
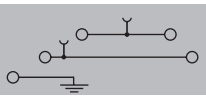
Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 0.QV	100	1711930000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 BR	100	1650370000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5/2	24 A	60	1608860000
3-pole	ZQV 2.5/3	24 A	60	1608870000
4-pole	ZQV 2.5/4	24 A	60	1608880000
10-pole	ZQV 2.5/10	24 A	20	1608940000
50-pole	ZQV 2.5/50	24 A	10	1697540000
Reducing sleeves				
for conductors < 1.0 mm² / AWG 18	ZRH 1.5N/2		1000	1632130000
for conductors < 0.5 mm² / AWG 20	ZRH 1.5N/1		1000	1632140000
End plate / Partition plate				
dark beige	ZAP/TW ZIA1.5/4L		50	1649550000
Without peg				
With spigot				
Screwdriver				
Standard	SDIS SLIM 0.6X3.5X100		1	2749610000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044

Type	Qty.	Order No.
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/1	1000	1632140000
BZT ZVL1.5/0.ZA	100	1676620000
BZT ZVL1.5	100	1676610000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

	DLD 2.5	DLD 2.5 PE
	2.5 mm²	2.5 mm²
	Voltage supply	Lower level earthed
		
Width/Height/Depth mm	6.2 x 82.5 x 48.5	6.1 x 74.5 x 48.5
max. current / max. cond. cross-section A/mm²	24 / 4	17.5 / 4
Max. clamping range mm²	0.13...4	0.13...4
		

Technical data

Rated data					
		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300	300	
Rated current	A	24	10	10	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals		CE GS EAC UL			
Electronic fixtures					
Component voltage / Component current	-/-				
Operating voltage for display, max. / Current	-/-				
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4			
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)			
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm			
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.			

Rated data					
		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250	300		
Rated current	A	17.5	10	10	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals		CE GS EAC UL			
Electronic fixtures					
Component voltage / Component current	-/-				
Operating voltage for display, max. / Current	-/-				
Clamped conductors (H05V/H07V)					
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4			
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)			
Stripping length / Blade size	mm/-	7 / 0.6 x 3.5 mm			
Note		Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.			

Ordering data

Version	Type	Qty.	Order No.
dark beige	DLD 2.5 DB	50	1784180000
dark beige (red LED)			
dark beige (green LED)			
Note			

Version	Type	Qty.	Order No.
dark beige	DLD 2.5/PE DB	50	1783790000
dark beige (red LED)			
dark beige (green LED)			
Note			

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	Q 2 DLI	24 A	50	1312500000
3-pole	Q 3 DLI	24 A	50	1312600000
4-pole	Q 4 DLI	24 A	50	1312700000
10-pole	Q 10 DLI	24 A	20	1313100000
Cross-connector				
black	VQB 1.5/50 SW	17.5 A	5	1635120000
red	VQB 1.5/50 RT	17.5 A	5	1633290000
blue	VQB 1.5/50 BL	17.5 A	5	1633280000
End plate / Partition plate				
dark beige	AP DLI2.5 DB		20	1783550000
End bracket				
dark beige	EW 35		50	0383560000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Small partition				
Small partition	TSCH 1		100	0319160000
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000

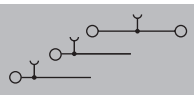
Screwable cross-connection	Type		Qty.	Order No.
2-pole	Q 2 DLI	24 A	50	1312500000
3-pole	Q 3 DLI	24 A	50	1312600000
4-pole	Q 4 DLI	24 A	50	1312700000
10-pole	Q 10 DLI	24 A	20	1313100000
Cross-connector				
black	VQB 1.5/50 SW	17.5 A	5	1635120000
red	VQB 1.5/50 RT	17.5 A	5	1633290000
blue	VQB 1.5/50 BL	17.5 A	5	1633280000
End plate / Partition plate				
dark beige	AP DLD2.5/PE DB		20	1783800000
End bracket				
dark beige	EW 35		50	0383560000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Small partition				
Small partition	TSCH 1		100	0319160000
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000

For detailed information on other accessories and application in the online catalogue	TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)	TEAP DLD2.5/PE DB partial end plate, Order no. 1783810000 (20 pcs.)

DLI 2.5 — 2.5 mm²

Initiator connection (signal,+,-)

6.1 x 66 x 48.5
32 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

CE cULus EAC

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

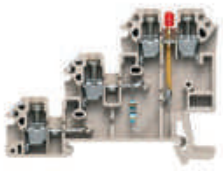
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

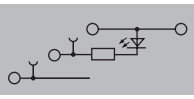
Type		Qty.	Order No.
Q 2 DLI	24 A	50	1312500000
Q 3 DLI	24 A	50	1312600000
Q 4 DLI	24 A	50	1312700000
Q 10 DLI	24 A	20	1313100000
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 RT	17.5 A	5	1633290000
VQB 1.5/50 BL	17.5 A	5	1633280000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		1	2749340000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

DLI 2.5 LD PNP — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

CE cULus EAC

30 / 5

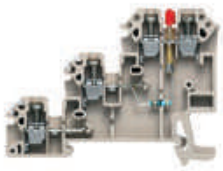
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	50	1783980000
DLI 2.5/LD-GN/PNP +- DB	50	1783970000

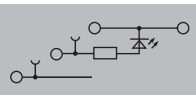
Type		Qty.	Order No.
Q 2 DLI	24 A	50	1312500000
Q 3 DLI	24 A	50	1312600000
Q 4 DLI	24 A	50	1312700000
Q 10 DLI	24 A	20	1313100000
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 RT	17.5 A	5	1633290000
VQB 1.5/50 BL	17.5 A	5	1633280000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		1	2749340000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

DLI 2.5 LD NPN — 2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

CE cULus EAC

30 / 5

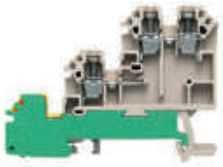
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN -+ DB	50	1783950000
DLI 2.5/LD-GN/NPN -+ DB	50	1783940000

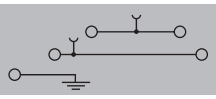
Type		Qty.	Order No.
Q 2 DLI	24 A	50	1312500000
Q 3 DLI	24 A	50	1312600000
Q 4 DLI	24 A	50	1312700000
Q 10 DLI	24 A	20	1313100000
VQB 1.5/50 SW	17.5 A	5	1635120000
VQB 1.5/50 RT	17.5 A	5	1633290000
VQB 1.5/50 BL	17.5 A	5	1633280000
AP DLI2.5 DB		20	1783550000
EW 35		50	0383560000
SDS 0.6X3.5X100		1	2749340000
TSCH 1		100	0319160000
DEK 5/6 MC NE WS		1000	1609820000

DLA 2.5 — 2.5 mm²

Actuator connection (signal,-,PE)



Width/Height/Depth	6.1 x 65 x 48.5 mm
max. current / max. cond. cross-section	26 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	300	300	
Rated current	17.5	10	10	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GS EAC UL			
Electronic fixtures				
Component voltage / Component current				
Operating voltage for display, max. / Current				
Clamped conductors (H05V/H07V)				
Solid / Stranded				
Flexible / Flexible with ferrule				
Tightening torque / Clamping screw				
Stripping length / Blade size				

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Note

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
dark beige	DLA 2.5 DB	100	1783560000
dark beige (red LED)			
dark beige (green LED)			

Note

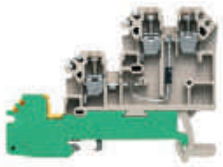
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	Q 2 DLI	24 A	50	1312500000
3-pole	Q 3 DLI	24 A	50	1312600000
4-pole	Q 4 DLI	24 A	50	1312700000
10-pole	Q 10 DLI	24 A	20	1313100000
Cross-connector				
black	VQB 1.5/50 SW	17.5 A	5	1635120000
red	VQB 1.5/50 RT	17.5 A	5	1633290000
blue	VQB 1.5/50 BL	17.5 A	5	1633280000
End plate / Partition plate				
dark beige	AP DLI2.5 DB		20	1783550000
End bracket				
dark beige	EW 35		50	0383560000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Small partition				
Small partition	TSCH 1		100	0319160000
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000

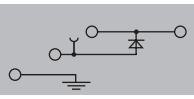
For detailed information on other accessories and application in the online catalogue

DLA 2.5/D — 2.5 mm²

Actuator connection (circuit with diode)



Width/Height/Depth	6.1 x 66 x 48.5 mm
max. current / max. cond. cross-section	17.5 / 4 A/mm²
Max. clamping range	0.13...4 mm²



Technical data

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250	300	300	
Rated current	17.5	10	10	
for wire cross-section	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		4 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals	CE GS EAC UL			
Electronic fixtures				
Component voltage / Component current	1000 / 1			
Operating voltage for display, max. / Current				
Clamped conductors (H05V/H07V)				
Solid / Stranded				
Flexible / Flexible with ferrule				
Tightening torque / Clamping screw				
Stripping length / Blade size				

Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Note

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Ordering data

Version	Type	Qty.	Order No.
dark beige	DLA 2.5/D DB	100	1783590000
dark beige (red LED)			
dark beige (green LED)			

Note

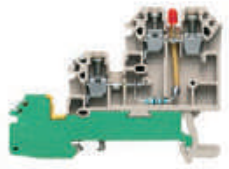
Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	Q 2 DLI	24 A	50	1312500000
3-pole	Q 3 DLI	24 A	50	1312600000
4-pole	Q 4 DLI	24 A	50	1312700000
10-pole	Q 10 DLI	24 A	20	1313100000
Cross-connector				
black	VQB 1.5/50 SW	17.5 A	5	1635120000
red	VQB 1.5/50 RT	17.5 A	5	1633290000
blue	VQB 1.5/50 BL	17.5 A	5	1633280000
End plate / Partition plate				
dark beige	AP DLI2.5 DB		20	1783550000
End bracket				
dark beige	EW 35		50	0383560000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Small partition				
Small partition	TSCH 1		100	0319160000
Marking tags				
	DEK 5/6 MC NE WS		1000	1609820000

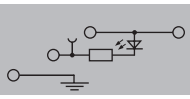
DLA 2.5/LD

2.5 mm²

Actuator connection with LED



6.1 x 66 x 48.5
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
30		30	
17.5		10	
2.5	AWG 26...12	AWG 26...12	
	0.8 kV / 3		
	A3 / V-0		

CE GL EAC

30 / 5

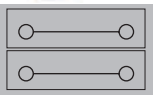
Rated connection
0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	50	**1783600000**

Type		Qty.	Order No.
Q 2 DLI	24 A	50	**1312500000**
Q 3 DLI	24 A	50	**1312600000**
Q 4 DLI	24 A	50	**1312700000**
Q 10 DLI	24 A	20	**1313100000**
VQB 1.5/50 SW	17.5 A	5	**1635120000**
VQB 1.5/50 RT	17.5 A	5	**1633290000**
VQB 1.5/50 BL	17.5 A	5	**1633280000**
AP DLI2.5 DB		20	**1783550000**
EW 35		50	**0383560000**
SDS 0.6X3.5X100		1	**2749340000**
TSCH 1		100	**0319160000**
DEK 5/6 MC NE WS		1000	**1609820000**

WDU 2.5/TC — 2.5 mm²

Width/Height/Depth	10.2 x 60 x 50
max. current / max. cond. cross-section	/ 2.5
Max. clamping range	0.13...2.5



IEC 60584, IEC 60947-7-1

Ex eb II C Gbll
2 G D

Technical data

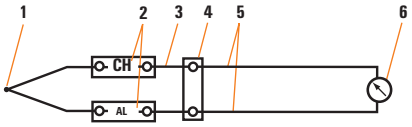
Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal		50		55
Rated current				8
for wire cross-section	2.5	AWG 30...12		2.5 mm²
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A2 / V-0	
Approvals				SIRA 02ATEX3153 U
Clamped conductors (H05V/H07V)				
Solid / Stranded	0.5...2.5 / 1.5...2.5			
Flexible / Flexible with ferrule	0.5...2.5 / 0.5...2.5			
Tightening torque / Clamping screw	0.4...0.6 / (M 2.5)			
Stripping length / Blade size	10 / 0.6 x 3.5 mm			

Note

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit



1 Thermocouple (sensor)
2 Thermocouple terminals
3 Compensating conductor
4 Reference junction
5 Supply and return conductors
6 Measuring instrument

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor.
Thermocouple terminals are required for constructing a temperature measuring circuit.

Technical data
Thermocouples to IEC 584 (DIN 43 710)

Ordering data

Version	Type	Qty.	Order No.
(NiCr - Ni) type K	WDU 2.5/TC TYP K	25	1024100000
(Cu - CuNi) type T	WDU 2.5/TC TYP T	25	1024200000
(Fe-CuNi) type J	WDU 2.5/TC TYP J	25	1024300000
(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR	WDU 2.5/TC TYP SR	25	1024400000
(Pt 10% Rh - Pt 6% Rh) type B	WDU 2.5/TC TYP B	25	1033700000
(NiCr - CuNi) type E	WDU 2.5/TC TYP E	25	1033300000
(NiSil - Nicrosil) type N	WDU 2.5/TC TYP N	25	1041500000

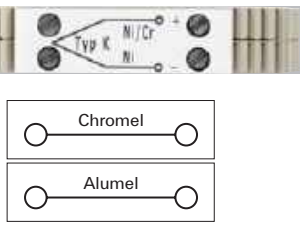
Note

Accessories

End plate / Partition plate	Type	Qty.	Order No.
dark beige	WAP 2.5-10	50	1050000000
dark beige	WAP 16+35 WTW 2.5-10	20	1050100000
End bracket			
dark beige	WEW 35/2	50	1061200000
Marking tags			
	DEK 5/5 MC NE WS	1000	1609801044

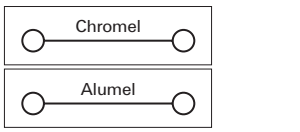
For detailed information on other accessories and application in the online catalogue

WDU 2.5/TC TYP K



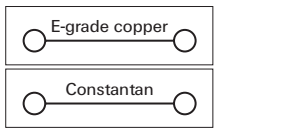
Type	Qty.	Order No.
WDU 2.5/TC TYP K	25	1024100000

WDU 2.5/AP/TC BL TYP K



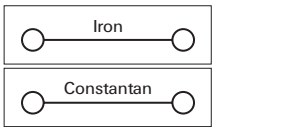
Type	Qty.	Order No.
WDU 2.5/AP/TC BL TYP K	25	1032880000

WDU 2.5/TC TYP T



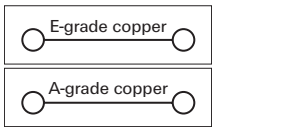
Type	Qty.	Order No.
WDU 2.5/TC TYP T	25	1024200000

WDU 2.5/TC TYP J



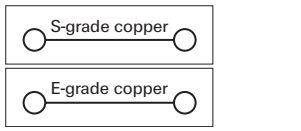
Type	Qty.	Order No.
WDU 2.5/TC TYP J	25	1024300000

WDU 2.5/TC TYP SR



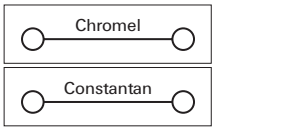
Type	Qty.	Order No.
WDU 2.5/TC TYP SR	25	1024400000

WDU 2.5/TC TYP B



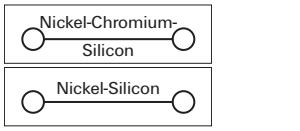
Type	Qty.	Order No.
WDU 2.5/TC TYP B	25	1033700000

WDU 2.5/TC TYP E



Type	Qty.	Order No.
WDU 2.5/TC TYP E	25	1033300000

WDU 2.5/TC TYP N



Type	Qty.	Order No.
WDU 2.5/TC TYP N	25	1041500000

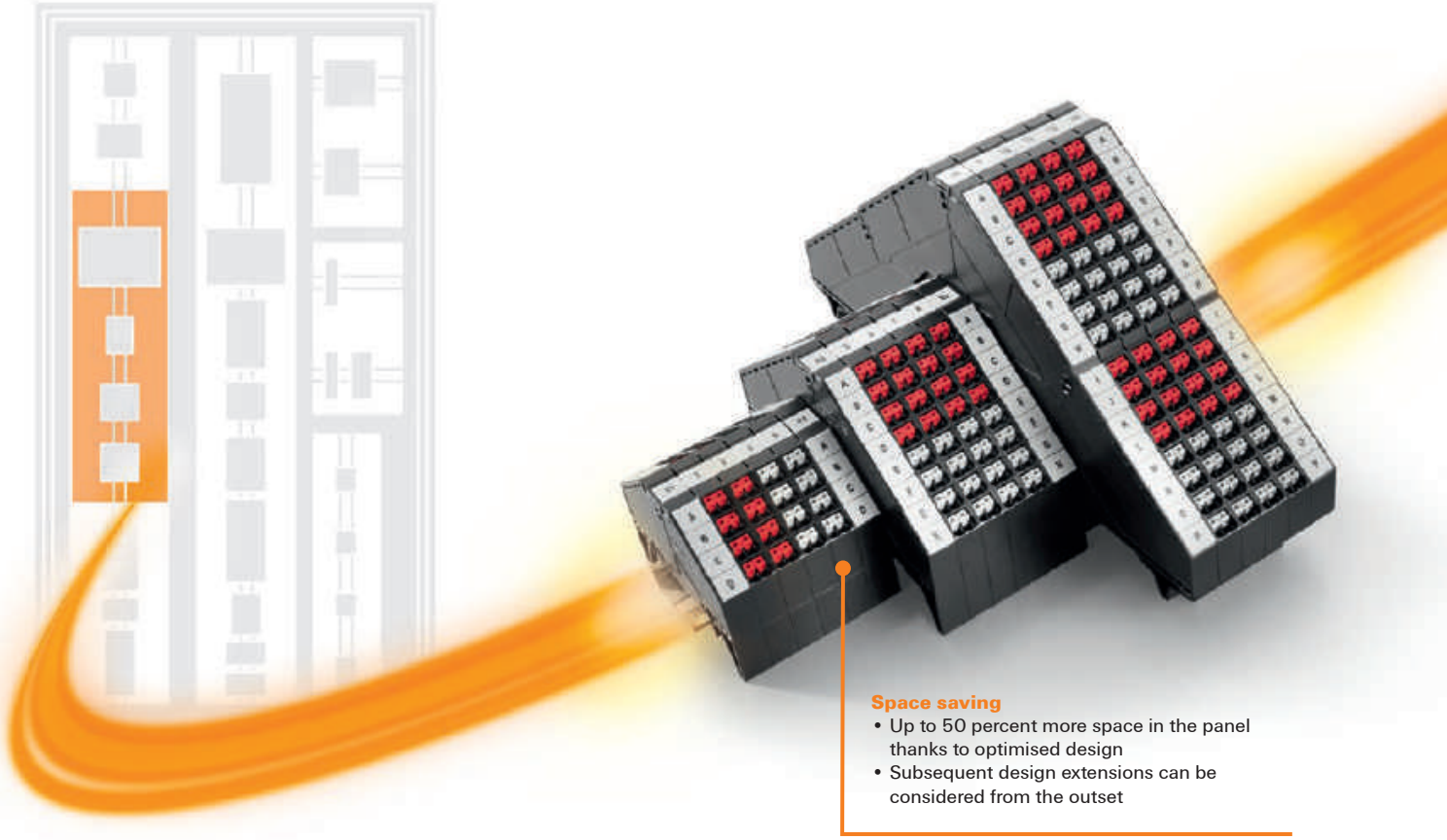
Space-saving connection of process control systems

Efficient marshalling and distribution with Klippon® Connect signals

Increasingly complex requirements for automation processes and increasing demands in terms of monitoring and recording operational data have led to an ever-increasing number of sensors in the field for process technology. This means that space- and time-saving wiring of signals in Signal marshalling panels in the process and energy generation industries is becoming increasingly demanding. Our terminal blocks for Signal marshalling enable extremely compact yet clear panel design. The additional signals for automation can be easily connected and processed.

Our promise

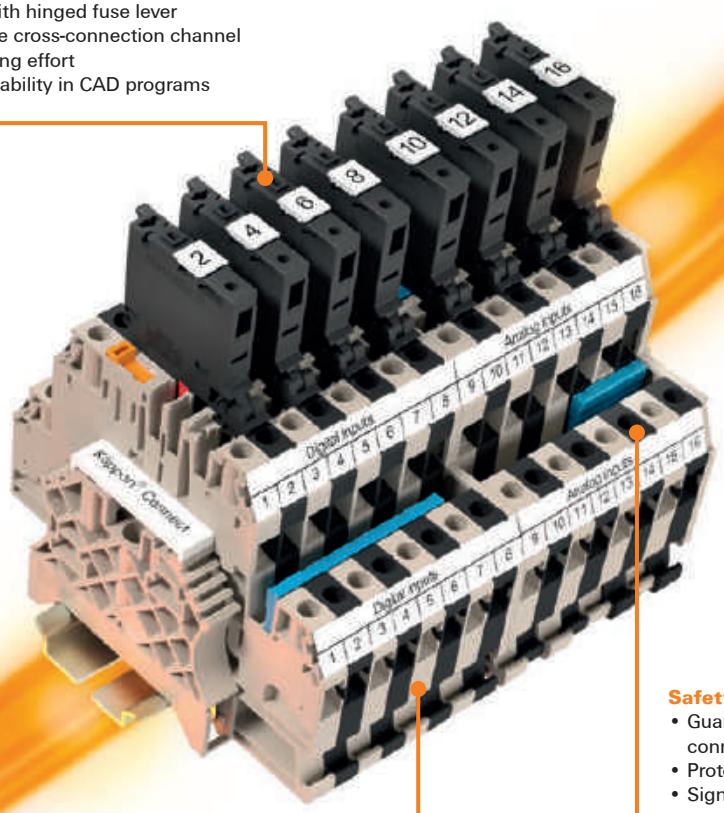
With our terminal blocks for Signal marshalling, you have maximum flexibility from the planning phase: potential later extensions can be planned in from the start. This means that Klippon® Connect saves you time and money and considerably improves productivity.



Space saving

- Up to 50 percent more space in the panel thanks to optimised design
- Subsequent design extensions can be considered from the outset

Time saving
- Fast and convenient fuse replacement thanks to fuse holder with hinged fuse lever
- A double or triple cross-connection channel ensures low wiring effort
- Digital data availability in CAD programs



Safety
- Guaranteed vibration-proof and gas-tight connections
- Protection against electromagnetic influences
- Signal loops measurable when fuse lever is open

Flexibility
- A double or triple cross-connection channel provides smart potential distribution
- Last-minute function change possible
- Endless strip marker for large-area marking

Our range

Unique design for plenty of space:
Our PUSH IN terminal blocks for Signal marshalling (PRV) with up to 16 connection levels are specially designed to meet the requirements for wiring initiator and actuator signals in process control engineering. The optimised design guarantees a space saving of up to 50 percent in the panel. And the unique V-shape of the current bars ensures consistently low contact resistances.

One solution for all requirements:
The WMF-Series of screw connection terminals is a multi-functional solution for the marshalling and distribution of signals. Feed-through, fuse and disconnector function plus an additional shield connection are included in one design.

More flexibility in signal wiring and potential distribution

Klippon® Connect W2C and W2T Range for signal marshaling

Automation in the process industry requires flexible solutions for complex production processes. Your circuit diagrams are no less complex and often undergo changes shortly before the end. With our new range of DCS marshalling terminal blocks you can solve these challenges. Even a „last minute change" is feasible for you without having to change the wiring you have already done. Thanks to the single- and double-level arrangement of the terminal blocks, combined with the provision of the four basic functions (continuity, disconnect, fuse, ground), you achieve maximum flexibility when connecting your devices wired in the field. We also offer you an alternative to connecting the shield to PE for your potential-free shielding concepts.

Cross connection channel provision
On all levels terminals the double cross connection possibility allows you a rational and comfortable potential distribution for Analogue and Digital inputs and outputs. The single level terminal blocks offer up to three cross connection channels.

Hollow screw head equipped versions
In order to ease and increase your efficiency in signal loop verifications, our "STB" versions are equipped with tightening screws with hollow screw heads thus allowing direct and secure insertion of appropriate test probes in hands-free operations.

Signal loop testing
During your DCS marshalling signal loop checks, you can insert your probes need not only upstream and downstream the fuse in closed position you also can open the fuse carrier while your test probes are plugged. This allows you a make before break testing.

Data provision and rationalized accessory base
Full data provision in the Weidmüller Configurator (WMC), to enhance and streamline design-in process of the complete solution. The wizard guide helps to select the correct items of critical safety accessories in order to obtain a 100% safe and rationalized product configuration.

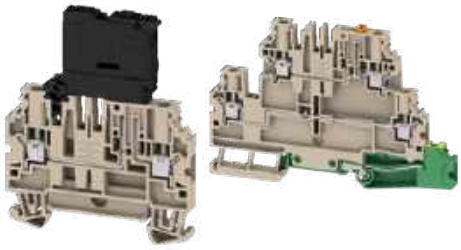
Plan, install, and operate optimally

Planning – with perfect support

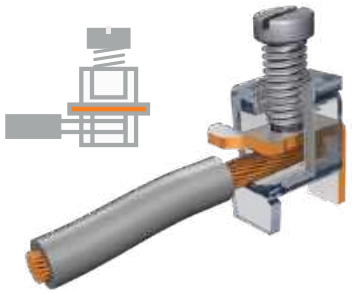
Data provision and rationalized accessory base
Full data provision in the Weidmüller Configurator (WMC), to enhance and streamline design-in process of the complete solution. The wizard guide helps to select the correct items of critical safety accessories in order to obtain a 100% safe and rationalized product configuration.

Full range of international approvals
The new W2C / W2T range is equipped with the full spectrum of approvals qualifying its choice for use in Process-related hazardous, non-hazardous locations and on board of vessels for Marine applications.

Compact footprint
The new single and double tier range terminals offer you full breadth of functionality in a very limited footprint, thus allowing maximum signal wiring density in a cabinet. In the case of the 2 level terminal block, up to 3 different electrical functions can be implemented (fuse/disconnect, feed-through and PE).



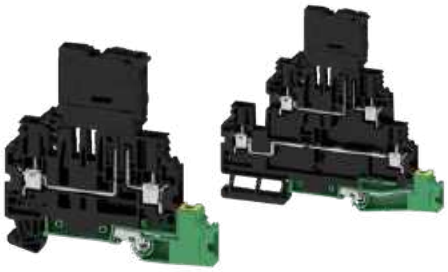
Reliable clamping yoke screw technology
Throughout the whole proposal the terminal blocks are equipped with Weidmüller's self-locking, maintenance free clamping yoke wiring technology. This has proven itself in decades of service life giving unrivalled connection safety and reliability inside the application.



Plan, install, and operate optimally

Installation – simple, fast, and safe

Integrated PE contact for shielding
You can choose the new single and double tier terminals also with integrated PE contact onto the DIN rail to allow rational shield connection from incoming field wire cables. Thus allowing space and component savings in the cabinet.



Integrated shield bus bar to be connected to your floating ground
As alternative to connecting the shield to PE you can use the potential-free shield bus bar. You can use this as integrated part of a single tier terminal block which safes you space and costs. It allows you to use your floating ground for the shield that avoids a coupling loop for noise currents present in the ground system.

Cross connection channel provision
On all levels terminals the double cross connection possibility allows you a rational and comfortable potential distribution for Analogue and Digital inputs and outputs. The single level terminal blocks offer up to three cross connection channels.

Function change – Last minute changes
The disconnect and fuse versions can allow you an easy function change by replacing disconnect lever with hinged fuse carrier or vice versa, thus accommodating late minute changes in cabinets. Your wire installation can remain unchanged.

Plan, install, and operate optimally

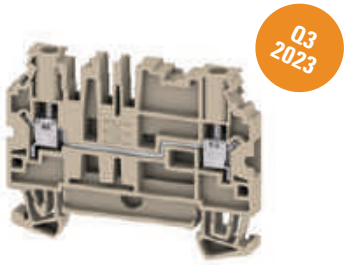
Operation – norm-compliant and safe

Hollow screw head equipped versions
In order to ease and increase your efficiency in signal loop verifications, our “STB” versions are equipped with tightening screws with hollow screw heads thus allowing direct and secure insertion of appropriate test probes in hands-free operations.

Signal loop testing
During your DCS marshalling signal loop checks, you can insert your probes need not only upstream and downstream the fuse in closed position you also can open the fuse carrier while your test probes are plugged. This allows you a make before break testing.

Additional marking and enhanced potential distribution possibility
You can use the multi-functional channel on the left to equip a marker holder or you can use it for a third cross-connection, providing one common feeding for adjoining feed through and disconnect terminals.

Endless strip marker
The endless strip marker fits perfectly on the terminal rail. Without any pitch the marker could be fixed over every terminal block as well as endplates in one line. Thus allowed absoloutly flexibillity during the planning, installation and operation phase. Additionally the strip markers offers a big marking area for multiple lines.

	W2C 4 FT	4 mm²	W2C 4 FT STB	4 mm²
				
Width/Height/Depth mm	6.1 x 60 x 46		6.1 x 60 x 46	
max. current / max. cond. cross-section A/mm²	**32 / 4**		**32 / 4**	
Max. clamping range mm²	**0.2...4**		**0.2...4**	

Technical data

Rated data					IEC 60947-7-1	
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	800				800			
Rated current A	32				32			
for wire cross-section mm²	4				4			
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals								
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Twin wire-end ferrule mm²	0.5...1.5				0.5...1.5			
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note								

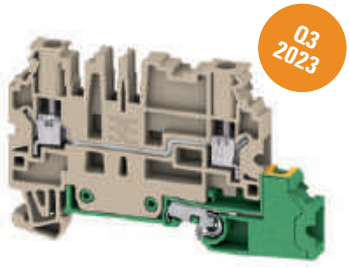
Ordering data

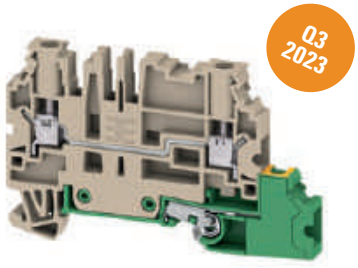
Version	**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	W2C 4 FT		**2892650000**	W2C 4 FT STB		**2892680000**
Blue	W2C 4 FT BL		**2892660000**			
Black	W2C 4 FT BK		**2892670000**			
Note						

Accessories

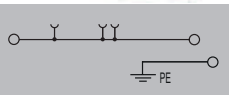
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	WEP 2C 4			**2894210000**	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**	WEP 2C 4 BK			**2894230000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
Standard	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Marker holder								
dark beige	BZT W2C 4			**2894270000**	BZT W2C 4			**2894270000**
Holder for cartridge fuse 5 x 20 mm								
400 V AC/DC, without LED								
10 - 36 V AC/DC, red LED								
35 - 70 V AC/DC, red LED								
60 - 150 V AC/DC, red LED								
140 - 250 V AC/DC, red LED								
Disconnect plug								
orange								
Module connector (max, 250 V)								
without fittings								
With 1N4007 diode								
with wire jumper								
Marking tags								
	WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
For detailed information on other accessories and application in the online catalogue								

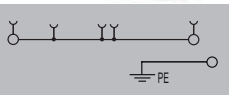
	W2C 4 FT-PE	W2C 4 FT-PE STB
	4 mm²	4 mm²





		W2C 4 FT-PE	W2C 4 FT-PE STB
Width/Height/Depth	mm	6.1 x 72.5 x 46	6.1 x 72.5 x 46
max. current / max. cond. cross-section	A/mm²	32 / 4	32 / 4
Max. clamping range	mm²	0.2...4	0.2...4





Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	800				800			
Rated current A	32				32			
for wire cross-section mm²	4				4			
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals								

Clamped conductors (H05V/H07V)		W2C 4 FT-PE	W2C 4 FT-PE STB
Solid / Stranded	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Twin wire-end ferrule	mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note			

Ordering data

Version	W2C 4 FT-PE			W2C 4 FT-PE STB		
	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	W2C 4 FT-PE		2892690000	W2C 4 FT-PE STB		2892700000
Blue						
Black						
Note						

Accessories

Plug-in cross-connection		W2C 4 FT-PE			W2C 4 FT-PE STB		
		Type		Qty. Order No.	Type		Qty. Order No.
2-pole		ZQV 4N/2	32 A	60 1527930000	ZQV 4N/2	32 A	60 1527930000
10-pole		ZQV 4N/10	32 A	20 1528090000	ZQV 4N/10	32 A	20 1528090000
End plate							
dark beige		WEP 2C 4		2894210000	WEP 2C 4		2894210000
blue		WEP 2C 4 BL		2894220000	WEP 2C 4 BL		2894220000
Black		WEP 2C 4 BK		2894230000	WEP 2C 4 BK		2894230000
End bracket							
dark beige		WEW 35/2		50 1061200000	WEW 35/2		50 1061200000
Screwdriver							
Standard		SDS 0.6X3.5X100		1 2749340000	SDS 0.6X3.5X100		1 2749340000
Marker holder							
dark beige		BZT W2C 4		2894270000	BZT W2C 4		2894270000
Holder for cartridge fuse 5 x 20 mm							
400 V AC/DC, without LED							
10 - 36 V AC/DC, red LED							
35 - 70 V AC/DC, red LED							
60 - 150 V AC/DC, red LED							
140 - 250 V AC/DC, red LED							
Disconnect plug							
orange							
Module connector (max, 250 V)							
without fittings							
With 1N4007 diode							
with wire jumper							
Marking tags							
		WS 8/6 MM WS		600 2007160000	WS 8/6 MM WS		600 2007160000
		DEK 5/6 MM WS		600 2007120000	DEK 5/6 MM WS		600 2007120000
		DEK 5/6 PLUS MC NE WS		1000 1011320000	DEK 5/6 PLUS MC NE WS		1000 1011320000
		DEK 5/5 MC NE WS		1000 1609801044	DEK 5/5 MC NE WS		1000 1609801044

For detailed information on other accessories and application in the online catalogue

W2C 4 DT — 4 mm²

Q3 2023

6.1 x 60 x 48
20 / 4
0.2...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DT		2892740000
W2C 4 DT BL		2892750000
W2C 4 DT BK		2892760000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4			2894210000
WEP 2C 4 BL			2894220000
WEP 2C 4 BK			2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
BZT W2C 4			2894270000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 35-70V		25	7921580000
SIHA 3/G20/LD 60-150V		25	7921590000
SIHA 3/G20/LD 140-250V		25	7921600000
TNST OR	20 A	50	2463540000
BEST		50	1833100000
BEST/D	1 A	50	1878560000
BEST/DRBR	22 A	50	1878570000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 DT STB — 4 mm²

Q3 2023

6.1 x 60 x 48
20 / 4
0.2...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2C 4 DT STB		2892770000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4			2894210000
WEP 2C 4 BL			2894220000
WEP 2C 4 BK			2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
BZT W2C 4			2894270000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 35-70V		25	7921580000
SIHA 3/G20/LD 60-150V		25	7921590000
SIHA 3/G20/LD 140-250V		25	7921600000
TNST OR	20 A	50	2463540000
BEST		50	1833100000
BEST/D	1 A	50	1878560000
BEST/DRBR	22 A	50	1878570000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

Signal marshalling
PUSH IN connection

W2C 4 DT W/O DTLV — 4 mm²

03 2023

Width/Height/Depth	mm	6.1 x 60 x 48
max. current / max. cond. cross-section	A/mm²	**20 / 4**
Max. clamping range	mm²	**0.2...4**

Technical data

IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	800			
Rated current (A)	32			
for wire cross-section (mm²)	4			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4
Twin wire-end ferrule	mm²	0.5...1.5
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm

Note

Ordering data

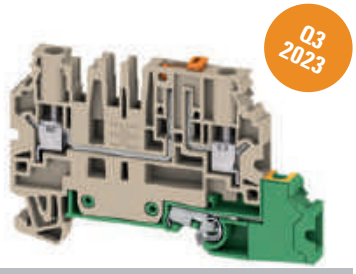
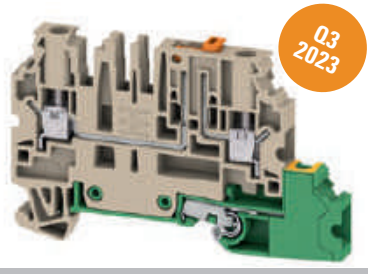
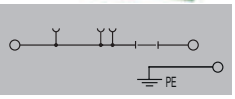
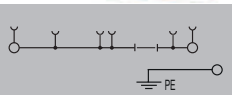
Version	Type	Qty.	Order No.
without isolator, dark beige	W2C 4 DT W/O DTLV		**2892780000**
without isolator, black	W2C 4 DT W/O DTLV BK		**2892800000**
without isolator, blue	W2C 4 DT W/O DTLV BL		**2892790000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marker holder				
dark beige	BZT W2C 4			**2894270000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2C 4 DT-PE	4 mm²	W2C 4 DT-PE STB	4 mm²
	 Q3 2023		 Q3 2023	
Width/Height/Depth mm	6.1 x 72.5 x 48		6.1 x 72.5 x 48	
max. current / max. cond. cross-section A/mm²	**20 / 4**		**20 / 4**	
Max. clamping range mm²	**0.2...4**		**0.2...4**	

Technical data

	W2C 4 DT-PE	W2C 4 DT-PE STB
Rated data	IEC 60947-7-1	IEC 60947-7-1
Rated voltage V	800	800
Rated current A	32	32
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals	IEC UL CSA EN 60079-7	IEC UL CSA EN 60079-7
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note		

Ordering data

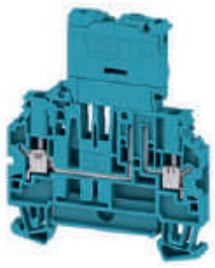
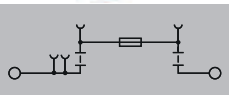
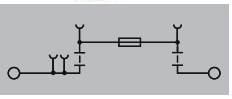
Version	W2C 4 DT-PE	W2C 4 DT-PE STB
	dark beige	
Type	W2C 4 DT-PE	W2C 4 DT-PE STB
Qty.		
Order No.	**2892810000**	**2892820000**
Note		

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marker holder				
dark beige	BZT W2C 4			**2894270000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
Marker holder				
dark beige	BZT W2C 4			**2894270000**
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug				
orange	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)				
without fittings	BEST		50	**1833100000**
With 1N4007 diode	BEST/D	1 A	50	**1878560000**
with wire jumper	BEST/DRBR	22 A	50	**1878570000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2C 4 FS DB	4 mm²	W2C 4 FS BL	4 mm²
	Q3 2023		 Q3 2023	
Width/Height/Depth mm	6.1 x 60 x 75		6.1 x 60 x 75	
max. current / max. cond. cross-section A/mm²	**6.3 / 4**		**6.3 / 4**	
Max. clamping range mm²	**0.2...4**		**0.2...4**	

Technical data

Rated data					IEC 60947-7-3
	IEC	UL	CSA	EN 60079-7	
Rated voltage V	250				
Rated current A	6.3				
for wire cross-section mm²	4				
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm

Rated data					IEC 60947-7-3
	IEC	UL	CSA	EN 60079-7	
Rated voltage V	250				
Rated current A	6.3				
for wire cross-section mm²	4				
Rated impulse withstand voltage / Pollution severity			8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS DB		**2892900000**
10–36 V AC/DC, with LED	W2C 4 FS 10-36V DB		**2892980000**
30–70 V AC/DC, with LED	W2C 4 FS 30-70V DB		**2893010000**
60–150 V AC/DC, with LED	W2C 4 FS 60-150V DB		**2893040000**
100 – 250 V AC/DC, with LED	W2C 4 FS 100-250V DB		**2893080000**

Note

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS BL		**2892910000**
10–36 V AC/DC, with LED	W2C 4 FS 10-36V BL		**2892990000**
30–70 V AC/DC, with LED	W2C 4 FS 30-70V BL		**2893020000**
60–150 V AC/DC, with LED	W2C 4 FS 60-150V BL		**2893050000**
100 – 250 V AC/DC, with LED	W2C 4 FS 100-250V BL		**2893090000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

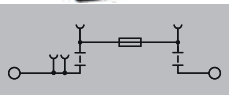
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

W2C 4 FS BK — 4 mm²

Q3 2023

6.1 x 60 x 75
6.3 / 4
0.2...4



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250			
6.3			
4			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
8 / 0.6 x 3.5 mm

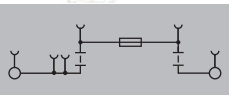
Type	Qty.	Order No.
W2C 4 FS BK		2892920000
W2C 4 FS 10-36V BK		2893000000
W2C 4 FS 30-70V BK		2893030000
W2C 4 FS 60-150V BK		2893070000
W2C 4 FS 100-250V BK		2893110000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4			2894210000
WEP 2C 4 BL			2894220000
WEP 2C 4 BK			2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 FS BK STB — 4 mm²

Q3 2023

6.1 x 60 x 75
6.3 / 4
0.2...4



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250			
6.3			
4			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
8 / 0.6 x 3.5 mm

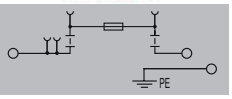
Type	Qty.	Order No.
W2C 4 FS BK STB		2892930000
W2C 4 FS 10-36V BK STB		2892940000
W2C 4 FS 30-70V BK STB		2892950000
W2C 4 FS 60-150V BK STB		2892960000
W2C 4 FS 100-250V BK STB		2892970000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4			2894210000
WEP 2C 4 BL			2894220000
WEP 2C 4 BK			2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 FS-PE BK — 4 mm²

Q3 2023

6.1 x 72.5 x 75
6.3 / 4
0.2...4



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250			
6.3			
4			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
8 / 0.6 x 3.5 mm

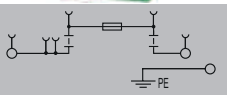
Type	Qty.	Order No.
W2C 4 FS-PE BK		2893120000
W2C 4 FS-PE 10-36V BK		2893140000
W2C 4 FS-PE 30-70V BK		2893150000
W2C 4 FS-PE 60-150V BK		2893160000
W2C 4 FS-PE 100-250V BK		2893170000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4			2894210000
WEP 2C 4 BL			2894220000
WEP 2C 4 BK			2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2C 4 FS-PE BK STB — 4 mm²

03 2023

Width/Height/Depth	mm	6.1 x 72.5 x 75
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**
Max. clamping range	mm²	**0.2...4**



Technical data

IEC 60947-7-3

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250			
Rated current	6.3			
for wire cross-section	4			
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals				

Clamped conductors (H05V/H07V)		Rated connection
Solid / Stranded	mm²	0.5...4 / 0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4
Twin wire-end ferrule	mm²	0.5...1.5
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm

Note

Ordering data

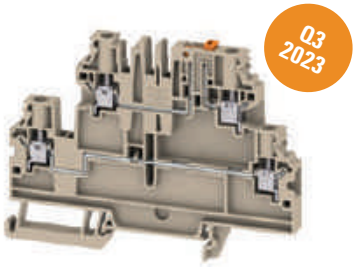
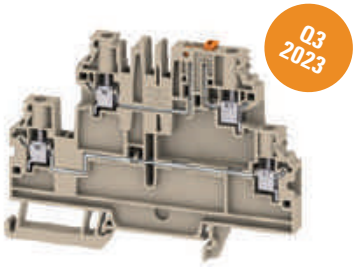
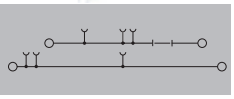
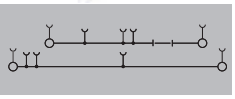
Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2C 4 FS-PE BK STB		**2893130000**
10–36 V AC/DC, with LED	W2C 4 FS-PE 10-36V BK STB		**2893180000**
30–70 V AC/DC, with LED	W2C 4 FS-PE 30-70V BK STB		**2893190000**
60–150 V AC/DC, with LED	W2C 4 FS-PE 60-150V BK STB		**2893200000**
100 – 250 V AC/DC, with LED	W2C 4 FS-PE 100-250V BK STB		**2893210000**

Note

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

		W2T 4 DT-FT	4 mm²	W2T 4 DT-FT STB	4 mm²
		 Q3 2023		 Q3 2023	
Width/Height/Depth	mm	6.1 x 95.5 x 72.5		6.1 x 95.5 x 72.5	
max. current / max. cond. cross-section	A/mm²	**20 / 4**		**20 / 4**	
Max. clamping range	mm²	**0.2...4** 		**0.2...4** 	

Technical data

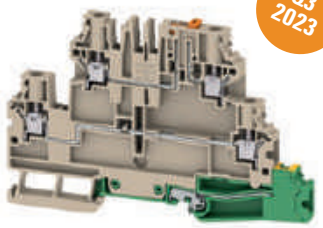
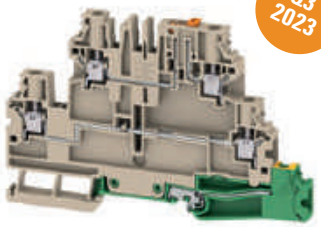
		W2T 4 DT-FT				W2T 4 DT-FT STB			
Rated data		IEC 60947-7-1				IEC 60947-7-1			
		IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage	V	500				500			
Rated current	A	32				32			
for wire cross-section	mm²	4				4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0				A3 / V-0	
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5				0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Note									

Ordering data

		W2T 4 DT-FT			W2T 4 DT-FT STB		
Version		**Type**	**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige		W2T 4 DT-FT		**2893690000**	W2T 4 DT-FT STB		**2893720000**
Blue		W2T 4 DT-FT BL		**2893700000**			
Black		W2T 4 DT-FT BK		**2893710000**			
Note							

Accessories

		W2T 4 DT-FT				W2T 4 DT-FT STB			
Plug-in cross-connection		**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole		ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
10-pole		ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
Vertical jumpers									
1-pole		ZVQ 2.5/1.5	24 A	50	**1720700000**	ZVQ 2.5/1.5	24 A	50	**1720700000**
End plate									
dark beige		WEP 2C 4			**2894210000**	WEP 2C 4			**2894210000**
blue		WEP 2C 4 BL			**2894220000**	WEP 2C 4 BL			**2894220000**
Black		WEP 2C 4 BK			**2894230000**	WEP 2C 4 BK			**2894230000**
End bracket									
dark beige		WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver									
Standard		SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Holder for cartridge fuse 5 x 20 mm									
400 V AC/DC, without LED		SIHA 3/G20	6.3 A	25	**7921560000**	SIHA 3/G20	6.3 A	25	**7921560000**
10 - 36 V AC/DC, red LED		SIHA 3/G20/LD 10-36V		25	**7921570000**	SIHA 3/G20/LD 10-36V		25	**7921570000**
35 - 70 V AC/DC, red LED		SIHA 3/G20/LD 35-70V		25	**7921580000**	SIHA 3/G20/LD 35-70V		25	**7921580000**
60 - 150 V AC/DC, red LED		SIHA 3/G20/LD 60-150V		25	**7921590000**	SIHA 3/G20/LD 60-150V		25	**7921590000**
140 - 250 V AC/DC, red LED		SIHA 3/G20/LD 140-250V		25	**7921600000**	SIHA 3/G20/LD 140-250V		25	**7921600000**
Disconnect plug									
orange		TNST OR	20 A	50	**2463540000**	TNST OR	20 A	50	**2463540000**
Module connector (max, 250 V)									
without fittings		BEST		50	**1833100000**	BEST		50	**1833100000**
With 1N4007 diode		BEST/D	1 A	50	**1878560000**	BEST/D	1 A	50	**1878560000**
with wire jumper		BEST/DRBR	22 A	50	**1878570000**	BEST/DRBR	22 A	50	**1878570000**
Marking tags									
		WS 8/6 MM WS		600	**2007160000**	WS 8/6 MM WS		600	**2007160000**
		DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**
		DEK 5/6 PLUS MC NE WS		1000	**1011320000**	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
		DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
For detailed information on other accessories and application in the online catalogue									

	W2T 4 DT-FT-PE	4 mm²	W2T 4 DT-FT-PE STB	4 mm²
	 Q3 2023		 Q3 2023	
Width/Height/Depth mm	6.1 x 106.5 x 72.5		6.1 x 106.5 x 72.5	
max. current / max. cond. cross-section A/mm²	20 / 4		20 / 4	
Max. clamping range mm²	0.2...4		0.2...4	

Technical data

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500			
Rated current	A	32			
for wire cross-section	mm²	4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note					

Rated data		IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500			
Rated current	A	32			
for wire cross-section	mm²	4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
dark beige	W2T 4 DT-FT-PE		2893730000
Blue			
Black			
Note			

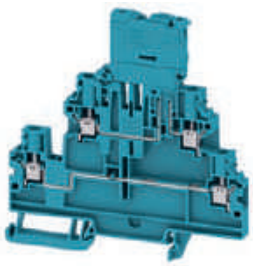
Version	Type	Qty.	Order No.
dark beige	W2T 4 DT-FT-PE STB		2893740000
Blue			
Black			
Note			

Accessories

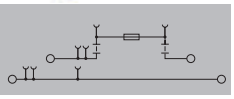
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000
End plate				
dark beige	WEP 2C 4			2894210000
blue	WEP 2C 4 BL			2894220000
Black	WEP 2C 4 BK			2894230000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	7921580000
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	7921590000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
with wire jumper	BEST/DRBR	22 A	50	1878570000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044
For detailed information on other accessories and application in the online catalogue				

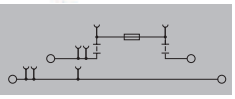
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000
Vertical jumpers				
1-pole	ZVQ 2.5/1.5	24 A	50	1720700000
End plate				
dark beige	WEP 2C 4			2894210000
blue	WEP 2C 4 BL			2894220000
Black	WEP 2C 4 BK			2894230000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
35 - 70 V AC/DC, red LED	SIHA 3/G20/LD 35-70V		25	7921580000
60 - 150 V AC/DC, red LED	SIHA 3/G20/LD 60-150V		25	7921590000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
With 1N4007 diode	BEST/D	1 A	50	1878560000
with wire jumper	BEST/DRBR	22 A	50	1878570000
Marking tags				
	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044
For detailed information on other accessories and application in the online catalogue				

	W2T 4 FS-FT DB	4 mm²	W2T 4 FS-FT BL	4 mm²



		W2T 4 FS-FT DB	W2T 4 FS-FT BL
Width/Height/Depth	mm	6.1 x 95.5 x 99.5	6.1 x 95.5 x 99.5
max. current / max. cond. cross-section	A/mm²	**6.3 / 4**	**6.3 / 4**
Max. clamping range	mm²	**0.2...4**	**0.2...4**





Technical data

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250			
Rated current	A	6.3			
for wire cross-section	mm²	4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note					

Rated data		IEC 60947-7-3			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	250			
Rated current	A	6.3			
for wire cross-section	mm²	4			
Rated impulse withstand voltage / Pollution severity				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5			
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT DB		**2893850000**
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V DB		**2893880000**
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V DB		**2893910000**
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V DB		**2893940000**
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V DB		**2893970000**
Note			

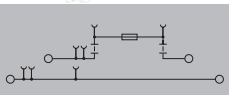
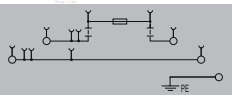
Version	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT BL		**2893860000**
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V BL		**2893890000**
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V BL		**2893920000**
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V BL		**2893950000**
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V BL		**2893980000**
Note			

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	WEP 2C 4			**2894210000**
blue	WEP 2C 4 BL			**2894220000**
Black	WEP 2C 4 BK			**2894230000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
Standard	SDS 0.6X3.5X100		1	**2749340000**
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)				
0.25 A fast	G 20/0.25A/F	0.25 A	10	**0430500000**
0.50 A fast	G 20/0.50A/F	0.5 A	10	**0430600000**
1.00 A fast	G 20/1.00A/F	1 A	10	**0430700000**
2.00 A fast	G 20/2.00A/F	2 A	10	**0430900000**
Marking tags				
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**
	DEK 5/5 MC NE WS		1000	**1609801044**

For detailed information on other accessories and application in the online catalogue

	W2T 4 FS-FT BK	4 mm²	W2T 4 FS-FT BK STB	4 mm²
	Q3 2023		Q3 2023	
Width/Height/Depth mm	6.1 x 95.5 x 99.5		6.1 x 95.5 x 99.5	
max. current / max. cond. cross-section A/mm²	**6.3 / 4** 		**6.3 / 4** 	
Max. clamping range mm²	**0.2...4**		**0.2...4**	

Technical data

	W2T 4 FS-FT BK	W2T 4 FS-FT BK STB
Rated data	IEC 60947-7-3	IEC 60947-7-3
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	250	250
Rated current A	6.3	6.3
for wire cross-section mm²	4	4
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A3 / V-0
Approvals		
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Twin wire-end ferrule mm²	0.5...1.5	0.5...1.5
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm	8 / 0.6 x 3.5 mm
Note		

Ordering data

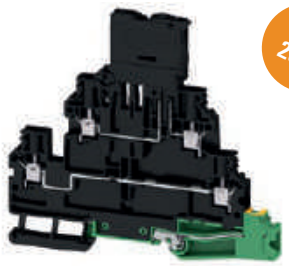
Version	W2T 4 FS-FT BK			W2T 4 FS-FT BK STB		
	Type	Qty.	Order No.	Type	Qty.	Order No.
500 V AC/DC, without LED	W2T 4 FS-FT BK		2893870000	W2T 4 FS-FT BK STB		2894000000
10–36 V AC/DC, with LED	W2T 4 FS-FT 10-36V BK		2893900000	W2T 4 FS-FT 10-36V BK STB		2894010000
30–70 V AC/DC, with LED	W2T 4 FS-FT 30-70V BK		2893930000	W2T 4 FS-FT 30-70V BK STB		2894020000
60–150 V AC/DC, with LED	W2T 4 FS-FT 60-150V BK		2893960000	W2T 4 FS-FT 60-150V BK STB		2894030000
100 – 250 V AC/DC, with LED	W2T 4 FS-FT 100-250V BK		2893990000	W2T 4 FS-FT 100-250V BK STB		2894040000
Note						

Accessories

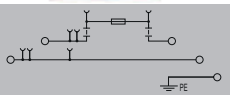
Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	ZQV 4N/2	32 A	60	1527930000	ZQV 4N/2	32 A	60	1527930000
10-pole	ZQV 4N/10	32 A	20	1528090000	ZQV 4N/10	32 A	20	1528090000
End plate								
dark beige	WEP 2C 4			2894210000	WEP 2C 4			2894210000
blue	WEP 2C 4 BL			2894220000	WEP 2C 4 BL			2894220000
Black	WEP 2C 4 BK			2894230000	WEP 2C 4 BK			2894230000
End bracket								
dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Screwdriver								
Standard	SDS 0.6X3.5X100		1	2749340000	SDS 0.6X3.5X100		1	2749340000
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)								
0.25 A fast	G 20/0.25A/F	0.25 A	10	0430500000	G 20/0.25A/F	0.25 A	10	0430500000
0.50 A fast	G 20/0.50A/F	0.5 A	10	0430600000	G 20/0.50A/F	0.5 A	10	0430600000
1.00 A fast	G 20/1.00A/F	1 A	10	0430700000	G 20/1.00A/F	1 A	10	0430700000
2.00 A fast	G 20/2.00A/F	2 A	10	0430900000	G 20/2.00A/F	2 A	10	0430900000
Marking tags								
	WS 8/6 MM WS		600	2007160000	WS 8/6 MM WS		600	2007160000
	DEK 5/6 MM WS		600	2007120000	DEK 5/6 MM WS		600	2007120000
	DEK 5/6 PLUS MC NE WS		1000	1011320000	DEK 5/6 PLUS MC NE WS		1000	1011320000
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044

For detailed information on other accessories and application in the online catalogue

W2T 4 FS-FT-PE BK — 4 mm²



Q3 2023



6.1 x 106.5 x 99.5
6.3 / 4
0.2...4

IEC 60947-7-3

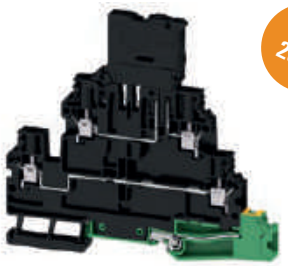
IEC	UL	CSA	EN 60079-7
250			
6.3			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
8 / 0.6 x 3.5 mm

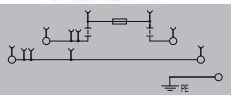
Type	Qty.	Order No.
W2T 4 FS-FT-PE BK		2894050000
W2T 4 FS-FT-PE 10-36V BK		2894060000
W2T 4 FS-FT-PE 30-70V BK		2894070000
W2T 4 FS-FT-PE 60-150V BK		2894080000
W2T 4 FS-FT-PE 100-250V BK		2894090000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4			2894210000
WEP 2C 4 BL			2894220000
WEP 2C 4 BK			2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

W2T 4 FS-FT-PE BK STB — 4 mm²



Q3 2023



6.1 x 106.5 x 99.5
6.3 / 4
0.2...4

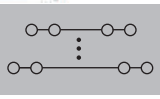
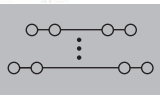
IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250			
6.3			
4			
	6 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
W2T 4 FS-FT-PE BK STB		2894100000
W2T 4 FS-FT-PE 10-36V BK STB		2894110000
W2T 4 FS-FT-PE 30-70V BK STB		2894120000
W2T 4 FS-FT-PE 60-150V BK STB		2894130000
W2T 4 FS-FT-PE 100-250V BK STB		2894140000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WEP 2C 4			2894210000
WEP 2C 4 BL			2894220000
WEP 2C 4 BK			2894230000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
WS 8/6 MM WS		600	2007160000
DEK 5/6 MM WS		600	2007120000
DEK 5/6 PLUS MC NE WS		1000	1011320000
DEK 5/5 MC NE WS		1000	1609801044

	PRV 4 RT	1.5 mm²	PRV 4 WS	1.5 mm²
	PUSH IN		PUSH IN	
Width/Height/Depth mm	9.2 x 70 x 54.5		9.2 x 70 x 54.5	
max. current / max. cond. cross-section A/mm²	**13 / 1.5**		**13 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

Rated data					IEC 60947-7-1, DIN EN 60079			
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage -	250	300	300		250	300	300	
Rated current A	10	10	10		10	10	10	
for wire cross-section mm²	1.5	16	AWG 26...16		1.5	16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity			4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			/ V-0				/ V-0	
Approvals	CE GL cULus EAC				CE GL cULus EAC			
Clamped conductors (H05V/H07V)	**Rated connection**				**Rated connection**			
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

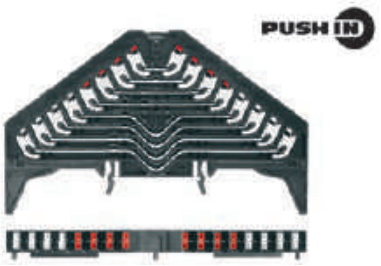
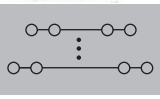
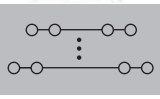
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
black for TS 35x15	PRV 4 SW 35X15 RT	20	**1173810000**	PRV 4 SW 35X15 WS	20	**1173820000**
blue for TS 35x15	PRV 4 BL 35X15 RT	20	**1267890000**	PRV 4 BL 35X15 WS	20	**1173920000**
black for TS 35x7.5	PRV 4 SW 35X7.5 RT	20	**1173830000**	PRV 4 SW 35X7.5 WS	20	**1173840000**
blue for TS 35x7.5	PRV 4 BL 35X7.5 RT	20	**1267900000**	PRV 4 BL 35X7.5 WS	20	**1173930000**
Note						

Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
End plate						
black	PAP PRV/PPV4 SW	10	**1173750000**	PAP PRV/PPV4 SW	10	**1173750000**
blue	PAP PRV/PPV4 BL	10	**1268010000**	PAP PRV/PPV4 BL	10	**1268010000**
grey	PAP PRV/PPV4 GR	10	**1211450000**	PAP PRV/PPV4 GR	10	**1211450000**
Marker holder						
black for TS 35x15	BZT PRV4 SW 35X15	20	**1173590000**	BZT PRV4 SW 35X15	20	**1173590000**
blue for TS 35x15	BZT PRV4 BL 35X15	20	**1267980000**	BZT PRV4 BL 35X15	20	**1267980000**
black for TS 35x7.5	BZT PRV4 SW 35X7.5	20	**1173600000**	BZT PRV4 SW 35X7.5	20	**1173600000**
blue for TS 35x7.5	BZT PRV4 BL 35X7.5	20	**1267990000**	BZT PRV4 BL 35X7.5	20	**1267990000**
Spacer						
Unprinted	TW PRV4	10	**1173700000**	TW PRV4	10	**1173700000**
Printed 0...3 or 0...7 or 0...15	TW PRV4 0-3	10	**1230060000**	TW PRV4 0-3	10	**1230060000**
Printed 1...4 or 1...8 or 1...16	TW PRV4 1-4	10	**1230050000**	TW PRV4 1-4	10	**1230050000**
Printed A...D or A...H or A...P	TW PRV4 A-D	10	**1230070000**	TW PRV4 A-D	10	**1230070000**
End bracket						
black	ZEW 35/2 SW	20	**1162610000**	ZEW 35/2 SW	20	**1162610000**
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Plug-in cross-connection						
2-pole	SRC-I QV P	10	**8870840000**	SRC-I QV P	10	**8870840000**
Marking tags						
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

For detailed information on other accessories and application in the online catalogue

	PRV 8 RT/WS	1.5 mm²	PRV 8 WS/RT	1.5 mm²
				
Width/Height/Depth mm	9.2 x 120 x 73		9.2 x 120 x 73	
max. current / max. cond. cross-section A/mm²	**10 / 1.5**		**10 / 1.5**	
Max. clamping range mm²	**0.13...1.5**		**0.13...1.5**	

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	-	250	300	300	
Rated current	A	8	10	10	
for wire cross-section	mm²	1.5	16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				/ V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

IEC 60947-1

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	-	250	300	300	
Rated current	A	8	10	10	
for wire cross-section	mm²	1.5	16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				/ V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Ordering data

Version	Type	Qty.	Order No.
black for TS 35x15	PRV 8 SW 35X15 RT/WS	20	**1173740000**
blue for TS 35x15	PRV 8 BL 35X15 RT/WS	20	**1267830000**
black for TS 35x7.5	PRV 8 SW 35X7.5 RT/WS	20	**1173790000**
blue for TS 35x7.5	PRV 8 BL 35X7.5 RT/WS	20	**1267840000**
Note			

Version	Type	Qty.	Order No.
black for TS 35x15	PRV 8 SW 35X15 WS/RT	20	**1173780000**
blue for TS 35x15	PRV 8 BL 35X15 WS/RT	20	**1173900000**
black for TS 35x7.5	PRV 8 SW 35X7.5 WS/RT	20	**1173800000**
blue for TS 35x7.5	PRV 8 BL 35X7.5 WS/RT	20	**1173910000**
Note			

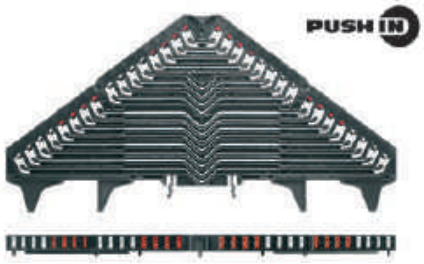
Accessories

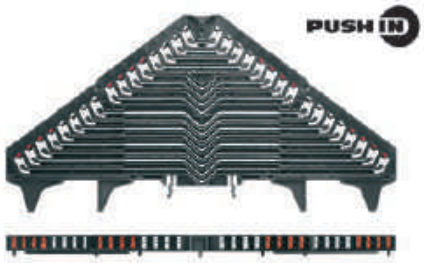
End plate	Type	Qty.	Order No.
black	PAP PRV/PPV8 SW	10	**1173720000**
blue	PAP PRV/PPV8 BL	10	**1268000000**
grey	PAP PRV/PPV8 GR	10	**1211460000**
Marker holder			
black for TS 35x15	BZT PRV8 SW 35X15	20	**1173570000**
blue for TS 35x15	BZT PRV8 BL 35X15	20	**1267950000**
black for TS 35x7.5	BZT PRV8 SW 35X7.5	20	**1173580000**
blue for TS 35x7.5	BZT PRV8 BL 35X7.5	20	**1267970000**
Spacer			
Unprinted	TW PRV8	10	**1173670000**
Printed 0...3 or 0...7 or 0...15	TW PRV8 0-7	10	**1230090000**
Printed 1...4 or 1...8 or 1...16	TW PRV8 1-8	10	**1230080000**
Printed A...D or A...H or A...P	TW PRV8 A-H	10	**1230110000**
End bracket			
black	ZEW 35/2 SW	20	**1162610000**
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Plug-in cross-connection			
2-pole	SRC-I QV P	10	**8870840000**
Marking tags			
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

End plate	Type	Qty.	Order No.
black	PAP PRV/PPV8 SW	10	**1173720000**
blue	PAP PRV/PPV8 BL	10	**1268000000**
grey	PAP PRV/PPV8 GR	10	**1211460000**
Marker holder			
black for TS 35x15	BZT PRV8 SW 35X15	20	**1173570000**
blue for TS 35x15	BZT PRV8 BL 35X15	20	**1267950000**
black for TS 35x7.5	BZT PRV8 SW 35X7.5	20	**1173580000**
blue for TS 35x7.5	BZT PRV8 BL 35X7.5	20	**1267970000**
Spacer			
Unprinted	TW PRV8	10	**1173670000**
Printed 0...3 or 0...7 or 0...15	TW PRV8 0-7	10	**1230090000**
Printed 1...4 or 1...8 or 1...16	TW PRV8 1-8	10	**1230080000**
Printed A...D or A...H or A...P	TW PRV8 A-H	10	**1230110000**
End bracket			
black	ZEW 35/2 SW	20	**1162610000**
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	**2749610000**
Plug-in cross-connection			
2-pole	SRC-I QV P	10	**8870840000**
Marking tags			
	WS 7.8/9.2 PLUS MC NE GR	360	**1208970000**

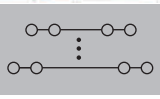
For detailed information on other accessories and application in the online catalogue

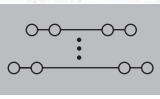
	PRV 16 RT/WS	1.5 mm²	PRV 16 WS/RT	1.5 mm²





Width/Height/Depth	mm	9.2 x 225 x 113.5	9.2 x 225 x 113.5
max. current / max. cond. cross-section	A/mm²	11 / 1.5	11 / 1.5
Max. clamping range	mm²	0.13...1.5	0.13...1.5





Technical data

Rated data		IEC 60947-7-1, DIN EN 60079				IEC 60947-7-1, DIN EN 60079			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	-	250	300	300		250	300	300	
Rated current	A	6	1	1		6	1	1	
for wire cross-section	mm²	1.5	16	AWG 26...16		1.5	16	AWG 26...16	
Rated impulse withstand voltage / Pollution severity		4 kV / 3				4 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating		/ V-0				/ V-0			
Approvals		CE GL cULus EAC				CE GL cULus EAC			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1.5				0.5...1.5 / 0.5...1.5			
Twin wire-end ferrule	-								
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note									

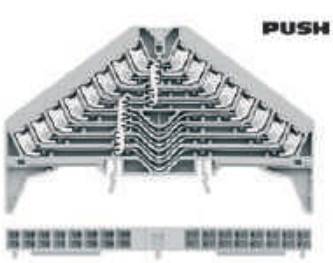
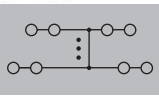
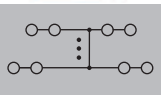
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
black for TS 35x15	PRV 16 SW 35X15 RT/WS	20	1173620000	PRV 16 SW 35X15 WS/RT	20	1173650000
blue for TS 35x15	PRV 16 BL 35X15 RT/WS	20	1267790000	PRV 16 BL 35X15 WS/RT	20	1267800000
black for TS 35x7.5	PRV 16 SW 35X7.5 RT/WS	20	1173680000	PRV 16 SW 35X7.5 WS/RT	20	1173710000
blue for TS 35x7.5	PRV 16 BL 35X7.5 RT/WS	20	1267810000	PRV 16 BL 35X7.5 WS/RT	20	1267820000
Note						

Accessories

End plate	Type	Qty.	Order No.	Type	Qty.	Order No.
black						
blue						
grey						
Marker holder						
black for TS 35x15	BZT PRV16 SW 35X15	20	1173540000	BZT PRV16 SW 35X15	20	1173540000
blue for TS 35x15	BZT PRV16 BL 35X15	20	1267930000	BZT PRV16 BL 35X15	20	1267930000
black for TS 35x7.5	BZT PRV16 SW 35X7.5	20	1173550000	BZT PRV16 SW 35X7.5	20	1173550000
blue for TS 35x7.5	BZT PRV16 BL 35X7.5	20	1267940000	BZT PRV16 BL 35X7.5	20	1267940000
Spacer						
Unprinted	TW PRV16	10	1173630000	TW PRV16	10	1173630000
Printed 0...3 or 0...7 or 0...15	TW PRV16 0-15	10	1230130000	TW PRV16 0-15	10	1230130000
Printed 1...4 or 1...8 or 1...16	TW PRV16 1-16	10	1230120000	TW PRV16 1-16	10	1230120000
Printed A...D or A...H or A...P	TW PRV16 A-P	10	1230140000	TW PRV16 A-P	10	1230140000
End bracket						
black	WEW 35/1 SW	50	1162600000	WEW 35/1 SW	50	1162600000
Screwdriver						
Standard	SDIS SLIM 0.6X3.5X100	1	2749610000	SDIS SLIM 0.6X3.5X100	1	2749610000
Plug-in cross-connection						
2-pole	SRC-I QV P	10	8870840000	SRC-I QV P	10	8870840000
Marking tags						
	WS 7.8/9.2 PLUS MC NE GR	360	1208970000	WS 7.8/9.2 PLUS MC NE GR	360	1208970000

For detailed information on other accessories and application in the online catalogue

	PPV 4	1.5 mm²	PPV 8	1.5 mm²
				
Width/Height/Depth mm	9.2 x 70 x 54.5		9.2 x 120 x 73	
max. current / max. cond. cross-section -/mm²	/ 1.5		/ 1.5	
Max. clamping range mm²	0.13...1.5		0.13...1.5	

Technical data

	PPV 4	1.5 mm²	PPV 8	1.5 mm²
Rated data	IEC 60947-7-1, DIN EN 60079		IEC 60947-7-1	
Rated voltage -	IEC: 250	UL: 300 CSA: 300 EN 60079-7:	IEC: 250	UL: 300 CSA: 300 EN 60079-7:
Rated current A	17.5	10 10	17.5	10 10
for wire cross-section mm²	1.5	AWG 26...16 AWG 26...16	1.5	AWG 26...16 AWG 26...16
Rated impulse withstand voltage / Pollution severity	4 kV / 3		4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0		/ V-0	
Approvals	CE GL cULus EAC		CE GL cULus EAC	
Clamped conductors (H05V/H07V)	**Rated connection**		**Rated connection**	
Solid / Stranded mm²	0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5	
Twin wire-end ferrule -				
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm	
Note				

Ordering data

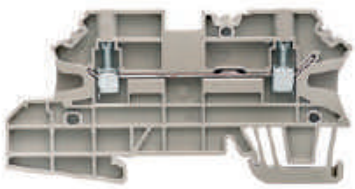
Version	PPV 4	Type	Qty.	Order No.	PPV 8	Type	Qty.	Order No.
blue for TS 35x15		PPV 4 BL 35X15 DGR	20	1267910000		PPV 8 BL 35X15 DGR	20	1267870000
grey for TS 35x15		PPV 4 GR 35X15 DGR	20	1173880000		PPV 8 GR 35X15 DGR	20	1173850000
orange for TS 35x15		PPV 4 OR 35X15 DGR	20	1301610000		PPV 8 OR 35X15 DGR	20	1301620000
blue for TS 35x7.5		PPV 4 BL 35X7.5 DGR	20	1267920000		PPV 8 BL 35X7.5 DGR	20	1267880000
grey for TS 35x7.5		PPV 4 GR 35X7.5 DGR	20	1173890000		PPV 8 GR 35X7.5 DGR	20	1173870000
orange for TS 35x7.5		PPV 4 OR 35X7.5 DGR	20	1301630000		PPV 8 OR 35X7.5 DGR	20	1301640000
Note								

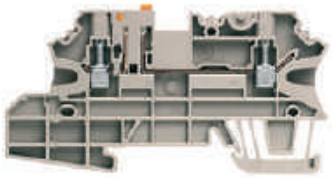
Accessories

	PPV 4	Type	Qty.	Order No.	PPV 8	Type	Qty.	Order No.
End plate								
black		PAP PRV/PPV4 SW	10	1173750000		PAP PRV/PPV8 SW	10	1173720000
blue		PAP PRV/PPV4 BL	10	1268010000		PAP PRV/PPV8 BL	10	1268000000
grey		PAP PRV/PPV4 GR	10	1211450000		PAP PRV/PPV8 GR	10	1211460000
Marker holder								
black for TS 35x15		BZT PRV4 SW 35X15	20	1173590000		BZT PRV8 SW 35X15	20	1173570000
blue for TS 35x15		BZT PRV4 BL 35X15	20	1267980000		BZT PRV8 BL 35X15	20	1267950000
black for TS 35x7.5		BZT PRV4 SW 35X7.5	20	1173600000		BZT PRV8 SW 35X7.5	20	1173580000
blue for TS 35x7.5		BZT PRV4 BL 35X7.5	20	1267990000		BZT PRV8 BL 35X7.5	20	1267970000
Spacer								
Unprinted		TW PRV4	10	1173700000		TW PRV8	10	1173670000
Printed 0...3 or 0...7 or 0...15		TW PRV4 0-3	10	1230060000		TW PRV8 0-7	10	1230090000
Printed 1...4 or 1...8 or 1...16		TW PRV4 1-4	10	1230050000		TW PRV8 1-8	10	1230080000
Printed A...D or A...H or A...P		TW PRV4 A-D	10	1230070000		TW PRV8 A-H	10	1230110000
End bracket								
black		ZEW 35/2 SW	20	1162610000		ZEW 35/2 SW	20	1162610000
Screwdriver								
Standard		SDIS SLIM 0.6X3.5X100	1	2749610000		SDIS SLIM 0.6X3.5X100	1	2749610000
Plug-in cross-connection								
2-pole		SRC-I QV P	10	8870840000		SRC-I QV P	10	8870840000
Marking tags								
		WS 7.8/9.2 PLUS MC NE GR	360	1208970000		WS 7.8/9.2 PLUS MC NE GR	360	1208970000

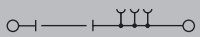
For detailed information on other accessories and application in the online catalogue

	WMF 2.5	2.5 mm²	WMF 2.5 DI	2.5 mm²





Width/Height/Depth	5.08 x 88 x 44.5	5.08 x 88 x 44.5
max. current / max. cond. cross-section	**32 / 4**	**20 / 4**
Max. clamping range	**0.5...4**	**0.5...4**



Ex ec II C Gcll
3 G D

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	800	600	600	500
Rated current	A	24	20	26	23
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw	Nm	0.5...0.6 / (M 3)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	V	500	600	300	500
Rated current	A	20	19	19	18.5
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw	Nm	0.5...0.6 / (M 3)			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note					

Ordering data

Version		Type	Qty.	Order No.
	dark beige	WMF 2.5	50	1143070000
	Blue	WMF 2.5 BL	50	1270040000
Note				

Type	Qty.	Order No.
WMF 2.5 DI	50	1143020000
WMF 2.5 DI BL	50	1270070000

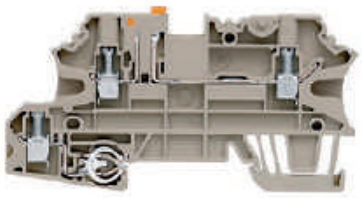
Accessories

Plug-in cross-connection		Type		Qty.	Order No.
	2-pole	ZQV 2.5N/2	24 A	60	1527540000
	10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate					
	dark beige	AP WMF2.5		50	1142990000
End bracket					
	dark beige, screwable				
	dark beige	WEW 35/2		50	1061200000
Screwdriver					
	Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm					
	400 V AC/DC, without LED				
	10 - 36 V AC/DC, red LED				
	140 - 250 V AC/DC, red LED				
Module connector (max, 250 V)					
	without fittings				
	with wire jumper				
	With 1N4007 diode				
Disconnect plug					
	removable, as replacement for release lever				
Marking tags					
		DEK 5/5 MC NE WS		1000	1609801044
		WS 10/5 M MC NE WS		720	1792000000

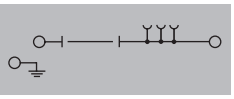
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AP WMF2.5		50	1142990000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
FUCR SW		10	1167630000
FUCR 10-36V SW		10	1167640000
FUCR 100-250V SW		10	1167680000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 M MC NE WS		720	1792000000

For detailed information on other accessories and application in the online catalogue

WMF 2.5 DI PE — 2.5 mm²



Width/Height/Depth	5.08 x 88 x 44.5 mm
max. current / max. cond. cross-section	20 / 4 A
Max. clamping range	0.5...4 mm²



Ex ec II C Gcll
3 G D

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	500	600	600	500 V
Rated current	20	19	19	18.5 A
for wire cross-section	2.5	AWG 26...12	AWG 26...12	2.5 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				
Clamped conductors (H05V/H07V)				
Solid / Stranded				0.5...4 / 1.5...4 mm²
Flexible / Flexible with ferrule				0.5...4 / 0.5...2.5 mm²
Tightening torque / Clamping screw				0.5...0.6 / (M 3) Nm
Stripping length / Blade size				10 / 0.6 x 3.5 mm mm/-

Note

Ordering data

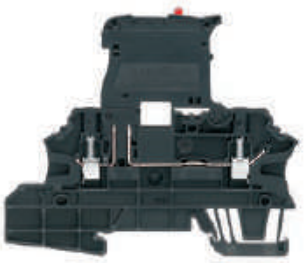
Version	Type	Qty.	Order No.
dark beige	WMF 2.5 DI PE	50	1143030000
Blue	WMF 2.5 DI PE BL	50	1270080000

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

	WMF 2.5 FU	2.5 mm²	WMF 2.5 FU PE	2.5 mm²
				
Width/Height/Depth mm	5.08 x 88 x 74		5.08 x 88 x 74	
max. current / max. cond. cross-section A	6.3 / 4		6.3 / 4	
Max. clamping range mm²	0.5...4		0.5...4	

Technical data

Rated data	WMF 2.5 FU				WMF 2.5 FU PE			
	IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage V	36	600	600		36	600	600	
Rated current A	6.3	17	17	6.3	6.3	17	17	6.3
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12	4 mm²	2.5	AWG 26...12	AWG 26...12	4 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0				A3 / V-0	
Approvals								
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5				0.5...4 / 0.5...2.5			
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)				0.5...0.6 / (M 3)			
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm				10 / 0.6 x 3.5 mm			
Note								

Ex ec II C Gcll 3 G D

Ordering data

Version	Type	Qty.	Order No.
Black	WMF 2.5 FU SW	50	1162920000
10–36 V AC/DC, with LED	WMF 2.5 FU 10-36V SW	50	1162930000
30–70 V AC/DC, with LED	WMF 2.5 FU 30-70V SW	50	1162940000
60–150 V AC/DC, with LED	WMF 2.5 FU 60-150V SW	50	1162950000
100 – 250 V AC/DC, with LED	WMF 2.5 FU 100-250V SW	50	1162960000
Note	The WMF FU terminals may not be aligned directly under one another.		

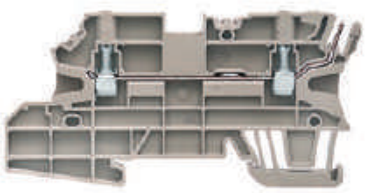
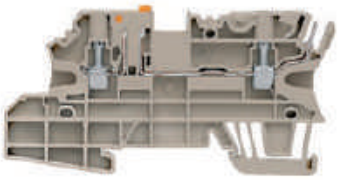
Version	Type	Qty.	Order No.
Black	WMF 2.5 FU PE SW	50	1163040000
10–36 V AC/DC, with LED	WMF 2.5 FU PE 10-36V SW	50	1163050000
30–70 V AC/DC, with LED	WMF 2.5 FU PE 30-70V SW	50	1163060000
60–150 V AC/DC, with LED	WMF 2.5 FU PE 60-150V SW	50	1163070000
100 – 250 V AC/DC, with LED	WMF 2.5 FU PE 100-250V SW	50	1163080000
Note	The WMF FU terminals may not be aligned directly under one another.		

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

	WMF 2.5 BLZ	WMF 2.5 DI BLZ
	2.5 mm²	2.5 mm²
		
Width/Height/Depth mm	5.08 x 90 x 44.5	5.08 x 90 x 44.5
max. current / max. cond. cross-section A	32 / 4	20 / 4
Max. clamping range mm²	0.5...4	0.5...4

Technical data

Rated data		
Rated voltage	V	IEC 61984, In accordance with IEC 60947-7-1
Rated current	A	IEC 61984, In accordance with IEC 60947-7-1
for wire cross-section	mm²	
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm²	
Flexible / Flexible with ferrule	mm²	
Tightening torque / Clamping screw	Nm	
Stripping length / Blade size	mm/-	
Note		

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	26	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

CE GL cULus EAC

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 Nm / (M 3)
10 / 0.6 x 3.5 mm

With BLZ plug the nominal current is reduced to 15.5 A.

IEC	UL	CSA	EN 60079-7
250	300	300	
20	19	19	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

CE GL cULus EAC

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...0.6 Nm / (M 3)
10 / 0.6 x 3.5 mm

With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

Version	Type	Qty.	Order No.
dark beige	WMF 2.5 BLZ	50	1143050000
Note			

Type	Qty.	Order No.
WMF 2.5 DI BLZ	50	1143000000

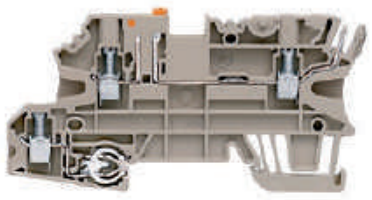
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable				
dark beige	WEW 35/2		50	1061200000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED				
10 - 36 V AC/DC, red LED				
140 - 250 V AC/DC, red LED				
Module connector (max, 250 V)				
without fittings				
with wire jumper				
With 1N4007 diode				
Disconnect plug				
removable, as replacement for release lever				
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 M MC NE WS		720	1792000000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AP WMF2.5		50	1142990000
WEW 35/1		50	1059000000
SDS 0.6X3.5X100		1	2749340000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
FUCR SW		10	1167630000
FUCR 10-36V SW		10	1167640000
FUCR 100-250V SW		10	1167680000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

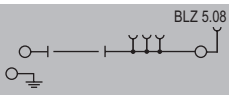
For detailed information on other accessories and application in the online catalogue

WMF 2.5 DI BLZ PE — 2.5 mm²



Width/Height/Depth	5.08 x 90 x 44.5 mm
max. current / max. cond. cross-section	20 / 4 A
Max. clamping range	0.5...4 mm²

BLZ 5.08



Technical data

IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	250 V	300	300	
Rated current	20 A	19	19	
for wire cross-section	2.5 mm²	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity		8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0		
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.5...0.6 Nm / (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm

Note

With BLZ plug the nominal current is reduced to 15.5 A.

Ordering data

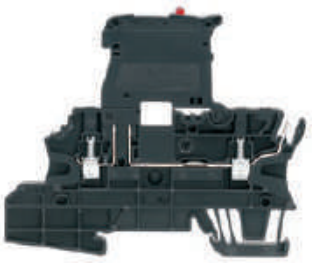
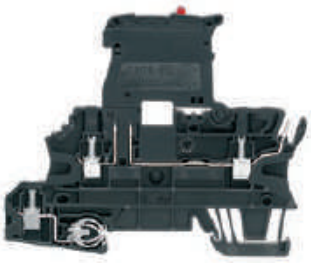
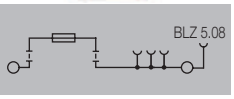
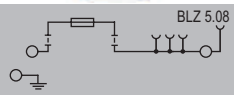
Version	Type	Qty.	Order No.
dark beige	WMF 2.5 DI BLZ PE	50	1143010000

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
dark beige				
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

	WMF 2.5 FU BLZ	2.5 mm²	WMF 2.5 FU BLZ PE	2.5 mm²
				
Width/Height/Depth mm	5.08 x 90 x 74	 BLZ 5.08	5.08 x 90 x 74	 BLZ 5.08
max. current / max. cond. cross-section A	6.3 / 4		6.3 / 4	
Max. clamping range mm²	0.5...4		0.5...4	

Technical data

	WMF 2.5 FU BLZ	WMF 2.5 FU BLZ PE
Rated data		
Rated voltage V	IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-3	IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-7-3
Rated current A		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		

IEC	UL	CSA	EN 60079-7
36	300	300	
6.3	17	17	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

	WMF 2.5 FU BLZ	WMF 2.5 FU BLZ PE
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...4 / 1.5...4
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Tightening torque / Clamping screw Nm	0.5...0.6 / (M 3)	0.5...0.6 / (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Black	WMF 2.5 FU BLZ SW	50	1162980000
10–36 V AC/DC, with LED	WMF 2.5 FU BLZ 10-36V SW	50	1162990000
30–70 V AC/DC, with LED	WMF 2.5 FU BLZ 30-70V SW	50	1163000000
60–150 V AC/DC, with LED	WMF 2.5 FU BLZ 60-150V SW	50	1163010000
100 – 250 V AC/DC, with LED	WMF 2.5 FU BLZ 100-250V SW	50	1163020000
Note			

Version	Type	Qty.	Order No.
Black	WMF 2.5 FU BLZ PE SW	50	1162820000
10–36 V AC/DC, with LED	WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
30–70 V AC/DC, with LED			
60–150 V AC/DC, with LED			
100 – 250 V AC/DC, with LED	WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000
Note			

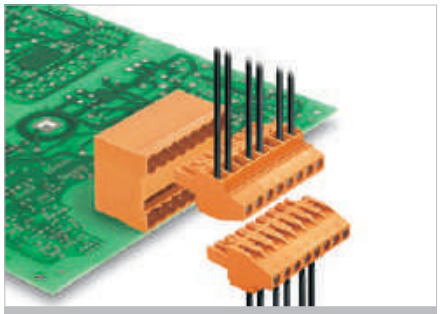
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate / Partition plate				
dark beige	AP WMF2.5		50	1142990000
End bracket				
dark beige, screwable	WEW 35/1		50	1059000000
Screwdriver				
Standard	SDS 0.6X3.5X100		1	2749340000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
	FUCR SW		10	1167630000
	FUCR 10-36V SW		10	1167640000
	FUCR 100-250V SW		10	1167680000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
removable, as replacement for release lever	TNST	20 A	50	1833090000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 10/5 MC NE WS		720	1635000000

For detailed information on other accessories and application in the online catalogue

BLZP 5.08HC/../90



The BLZP is the functional extension of the BLZ series. The "P" in the part name stands for a plus in security and performance in processing and use.

- WIRE READY – delivered with terminal points already opened
- Power tools can be used with the globally compatible plus/minus screw head
- Folded steel clamping yoke accommodates the connected wire and compensates for temperature fluctuations
- The integrated wire guard prevents dangerous under-insertion of the wire from occurring.
- Lock and release-lever: tool-less locking and gentle releasing of the connector reduces the mechanical stress one the solder joints.

Product data

IEC: 400 V / 23 A / 0.2 - 4 mm²
UL: 300 V / 20 A / AWG 26 - 12

72h

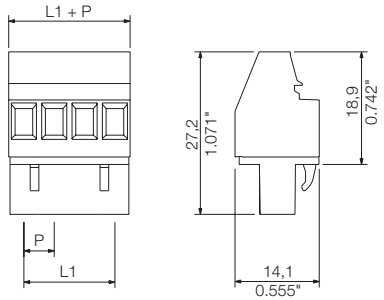
For additional articles and information, refer to catalog.weidmueller.com

Note:

- Additional variants on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months

BLZP 5.08HC/../90

Dimensioned drawing



Technical data

In compliance with IEC 60664-1 / IEC 61984				
Clamping range, max.	mm²	0.13...4		
Solid core H05(07) V-U	**mm²**	**0.2...4**		
Stranded H07 V-R				
Flexible H05(07) V-K	mm²	0.2...4		
Flexible with ferrule	mm²	0.2...4		
Ferrule with plastic collar	mm²	0.2...2.5		
Stripping length	mm	7		
Screwdriver blade	mm	0.6 x 3.5, PH 1, PZ 1		
According to norm				
Tightening torque range				
Rated current, max.	**A**	**23**		**21**
At ambient temperature		20°C		40°C
For conductor cross-section	mm²	4		
Overvoltage category		III	III	II
Pollution severity		3	2	2
Rated voltage	**V**	**250**	**320**	**400**
Rated impulse voltage	kV	4	4	4
UL / CUL (Use Group)		**B**	**C**	**D**
Rated voltage	**V**	**300**		**300**
Rated current	**A**	**20**		**10**
AWG conductor	**AWG**	**26-12**		
CSA (Use Group)		**B**	**C**	**D**
Rated voltage	V	300	50	300
Rated current	A	20		20
AWG conductor	AWG	30-12		
General data				
Type of insulation material		PBT		
UL 94 flammability rating		V-0		
Contact base material		Copper alloy		
Material of contact surface		tinned		
Pin dimensions = d	mm			
Solder eyelet Ø = D				
Solder eyelet Ø tolerance	mm			

Accessories

Note: Refer to the Accessories chapter for additional accessories.

Coding		Order No.
	BLZ/SL KO OR BX	1573010000
	BLZ/SL KO BK BX	1545710000
Screwdriver		
	SDS 0.6X3.5X100	2749340000
	SDIS 0.6X3.5X100	2749810000
	SDK PH1 X 80	2749410000
	SDK PZ1 X 80	2749440000

Ordering data

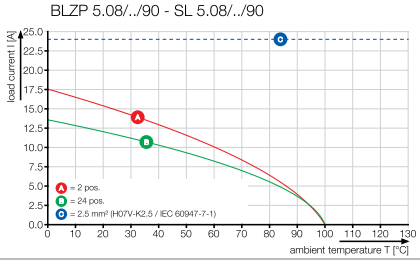
Solder pin length

Colour orange

Pitch 5.08 mm

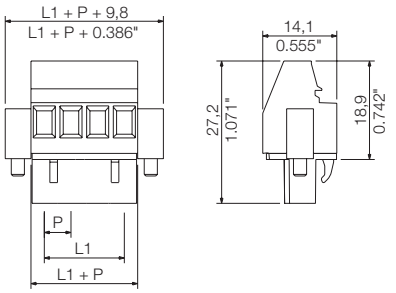
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	180	1948000000
3	10.16	0.400	120	1948010000
4	15.24	0.600	90	1948020000
5	20.32	0.800	72	1948030000
6	25.40	1.000	60	1948040000
7	30.48	1.200	48	1948050000
8	35.56	1.400	42	1948060000
9	40.64	1.600	36	1948070000
10	45.72	1.800	36	1948080000
11	50.80	2.000	30	1948100000
12	55.88	2.200	30	1948110000

Representative deratings curve



BLZP 5.08HC/../90F

Dimensioned drawing



Ordering data

Solder pin length				
Colour				orange
Pitch	**5.08 mm**			
Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	90	1949800000
3	10.16	0.400	72	1949810000
4	15.24	0.600	60	1949820000
5	20.32	0.800	48	1949830000
6	25.40	1.000	42	1949840000
7	30.48	1.200	36	1949850000
8	35.56	1.400	36	1949860000
9	40.64	1.600	30	1949870000
10	45.72	1.800	30	1949880000
11	50.80	2.000	24	1949890000
12	55.88	2.200	24	1949900000

The 2-in-1 contact

Every pluggable connector covers two contact points and thus must meet two different requirements: First, the wire termination and second, the connection between plug and pin header. Referring to the 5.0x pitch series, Weidmüller offers different wire connection technologies, but one platform contact for the male / female connection since years. This well-designed hybride platform contact ensures a constant quality on a very high level.
Hybride means, that we combine metal material featuring different characteristics by welding, in order to devide the contact system into different function zones: Further to the high electric conductance, the current bar is characterized by its hardness, and the tulip contact by its excellent tension properties. The advantage: each function is supported by the most suitable material to reliably and constantly meet the different electrical and mechanical requirements. To put it in a nutshell: Instead of either ... or, it´s even both - perfect for the current,
and perfect for the force.

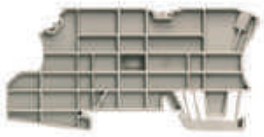
IL WMF 2.5 BLZ OR

Ordering data	Type	Qty.	Order No.
	IL WMF2.5 BLZ OR	50	1167440000
Note			

WAD WMF 2.5

Ordering data	Type	Qty.	Order No.
	WAD WMF2.5	50	1142970000
Note			

WBB WMF 2.5 BLZ



Ordering data	Type	Qty.	Order No.
	WBB WMF2.5 BLZ	10	1142980000
Note			

AP WMF 2.5

Ordering data	Type	Qty.	Order No.
	AP WMF2.5	50	1142990000
Note			

FUCR SW

Ordering data	Type	Qty.	Order No.
	FUCR 10-36V SW	10	1167640000
Note			

Support plates and end plates

PAP PRV/PPV4

Ordering data	Type	Qty.	Order No.
Blue	PAP PRV/PPV4 BL	10	1268010000
grey	PAP PRV/PPV4 GR	10	1211450000
Black	PAP PRV/PPV4 SW	10	1173750000
Note			

PAP PRV/PPV8

Type	Qty.	Order No.
PAP PRV/PPV8 GR	10	1211460000
PAP PRV/PPV8 SW	10	1173720000

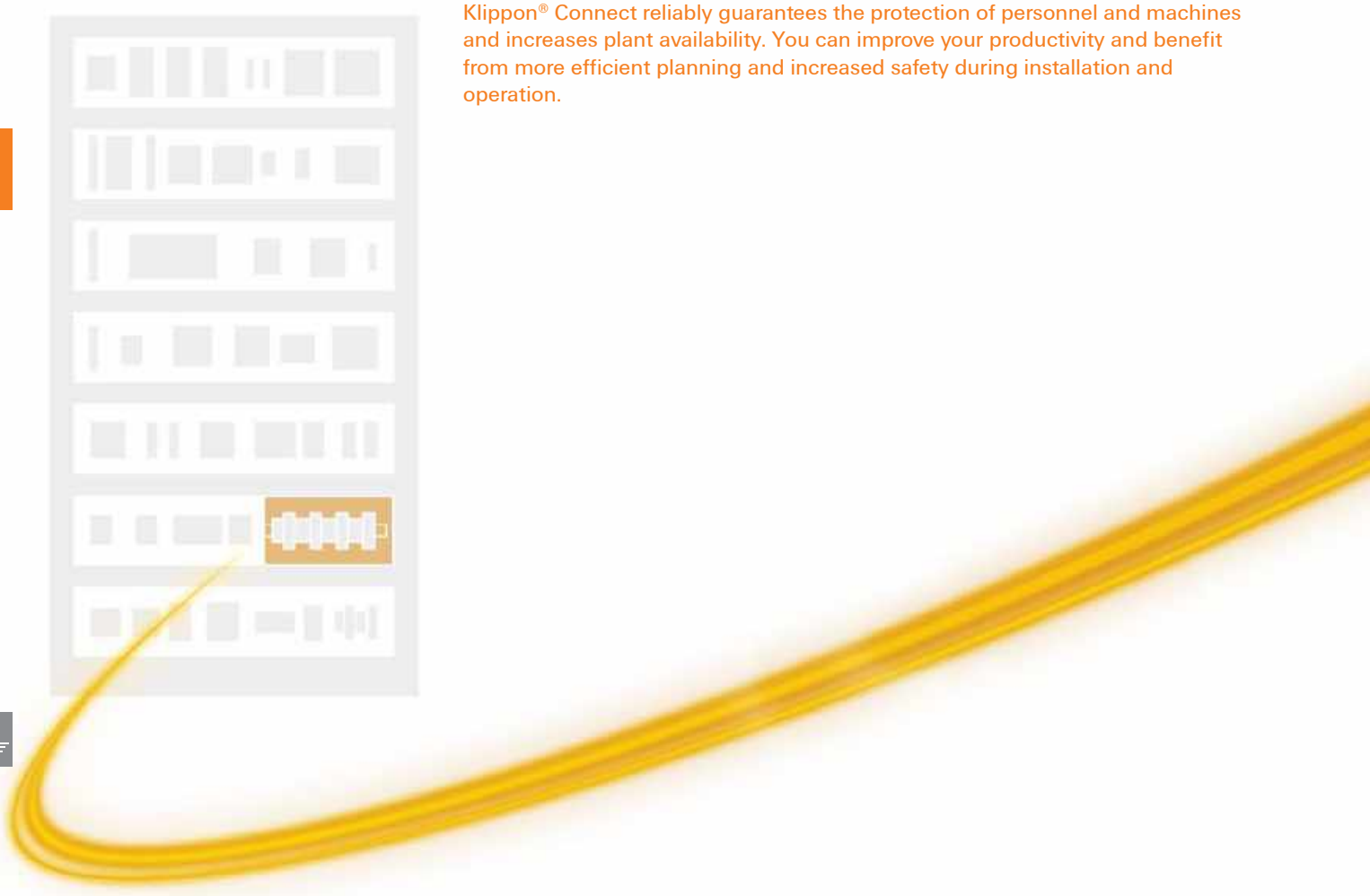
Safe, error-free plant operation

Efficient shielding and earthing with Klippon® Connect

The safety and availability of plants must be guaranteed at all times. Careful planning and installation of safety functions play a particularly important role. For personnel protection, we offer a wide range of PE terminal blocks in different connection technologies. With our wide range of KLBÜ shield connections, you can achieve flexible and self-adjusting shield contacting and ensure error-free plant operation.

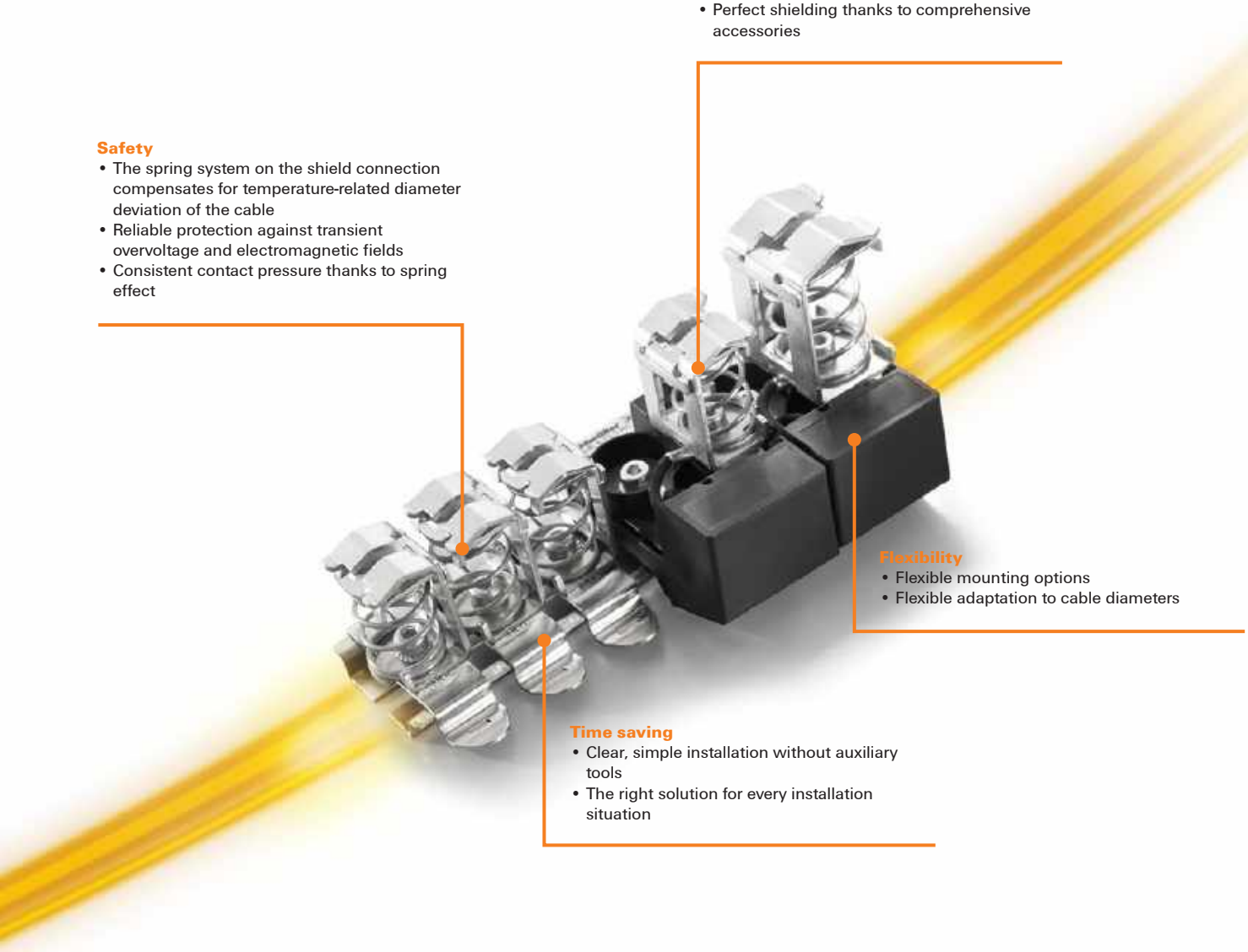
Our promise

Klippon® Connect reliably guarantees the protection of personnel and machines and increases plant availability. You can improve your productivity and benefit from more efficient planning and increased safety during installation and operation.



Space saving
- Complete range for conductor diameters from 2 to 37 mm to meet all space requirements
- Perfect shielding thanks to comprehensive accessories

Safety
- The spring system on the shield connection compensates for temperature-related diameter deviation of the cable
- Reliable protection against transient overvoltage and electromagnetic fields
- Consistent contact pressure thanks to spring effect



Flexibility
- Flexible mounting options
- Flexible adaptation to cable diameters

Time saving
- Clear, simple installation without auxiliary tools
- The right solution for every installation situation

Our range

Shielding:
Our complete range of KLBÜ shield connections, KHLA shield clamping saddles, SH 4C shield rail holders and KLBÜ RC shielding brackets allows simple and efficient installation of safe shielding systems.

Protective earth (PE):
We offer a wide range of green/yellow terminal blocks in screw connection, tension clamp and PUSH IN designs.

Potential equalisation:
Our JB 25–50 and EBB 25–50/16 potential equalisation terminal blocks allow you to achieve reliably integrated potential equalisation, even in extended systems.

Entry:
Electromagnetic Compatibility

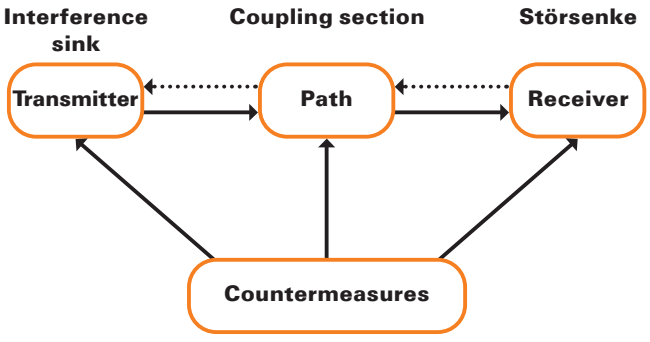
The term Electromagnetic Compatibility (EMC) describes the ability of electrical equipment to function faultlessly in an electromagnetically-loaded environment, e.g. in an industrial plant, without influencing the environment. The consequences of an inadequate EMC can range from disturbances in normal use to damage or destruction of equipment with the added risks of economic damage and/or personal injury.

Interference sources

Sources of interference exist in many forms. But the common feature of all interference sources is the emission of electronic or magnetic energy, which influences electrical equipment and prevents fault-free operation. A distinction is made between natural sources of interference such as atmospheric discharge or electrostatic discharge and artificial sources of interference such as radio (intentional) or frequency converters (unintentional).

Coupling

Coupling is the transmission of electrical energy from one electric circuit to another.



Interference sinks

Interference sinks encompass electrical equipment that can be influenced by sources of interference. Electromagnetic pulses can cause equipment to be disturbed, damaged or destroyed. Other consequences could be the total failure of a piece of equipment, or a system with economic or material damage, or even personal injury.

Actions:
Measures to improve electromagnetic compatibility

In order to guarantee EMC, the interference mechanisms must first be known. In addition to natural sources of interference such as lightning, there are also so-called coupling mechanisms. Here is an overview of the different coupling mechanisms as well as some measures for EMC optimisation.

Coupling mechanisms:

Galvanic coupling

Coupling of two circuits via a common current path.

Capacitive (electrical) coupling

Coupling of two circuits via an alternating electric field (mainly in the high-frequency range).

Inductive (magnetic) coupling

Coupling of two circuits via an alternating magnetic field (mainly in the low-frequency range).

Radiation coupling (electromagnetic coupling)

Emission of wave fields with electric and magnetic field strength.

Measures for EMC optimisation:

The most frequently used and sensible countermeasures to improve EMC are the use of twisted or shielded cables.

Use of shielded cables

The task of an electromagnetic screen is to close its internally generated electromagnetic field and prevent it from propagating or to create a space free of external fields..

The interference to be expected determines the shield connection

In order to suppress electric fields, a one-sided grounding of the shield is necessary. To suppress an alternating magnetic field, the shield must be grounded on both sides. However, if the shield is connected on both sides, a ground loop occurs, which in turn has disadvantages. The useful signal is influenced in particular by interference along the reference potential and thus a deterioration occurs. In this case, triaxial cables can help by connecting the inner shield on one side and the outer shield on both sides. A capacitor is often connected to the reference potential on one side to reduce such interference. This interrupts the earth loop for direct currents or low-frequency currents.

Implementation of shielding in practice

With the KLBUE, Weidmueller has developed a versatile product designed to reduce EMV in plants and equipment. to improve machines.

Schematic representation

Different contacting possibilities of the cable screen

Shielding on both sides

To protect against possible interference effects alternating magnetic field is bilateral Hang up unavoidable. This does mean a risk of ground loops forming. However cable shields and steel conduits should be grounded on both sides, despite the risk, as todays EMC regulations require this. In the same way, shields of two-sided signal conductors should be grounded on both sides.

One sided shielding

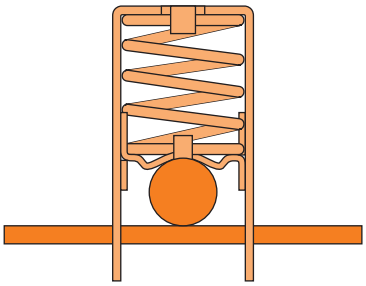
If shielding is to be used to protect against electrical fields, it is advisable to ground on one side only. Shields of analogue signal conductors should, for example, be connected at one end.

Stripping tool for shielded cables

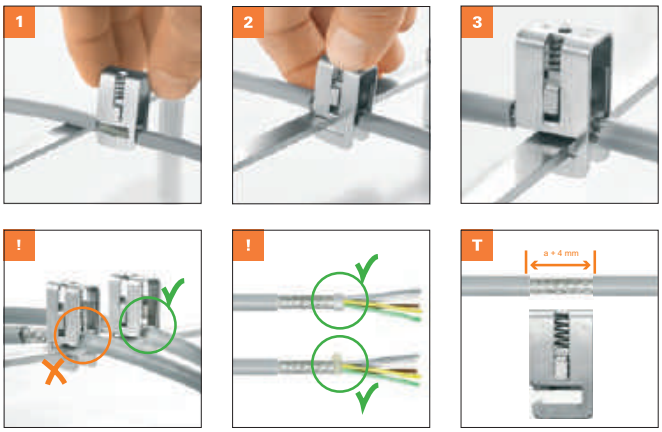
With the Weidmueller AM 16 stripping tool, it is very easy to disconnect the insulation of a conductor and then apply the shield. The insulation can be cut at any point on the conductor. The insulation of the conductor is first separated over the circumference. Then the tool is pulled lengthwise over the conductor and so the insulation is cut off. Finally, the insulation is cut at the other end over the circumference. The illustration shows the resulting pattern.

Shield connection terminals KLBUE

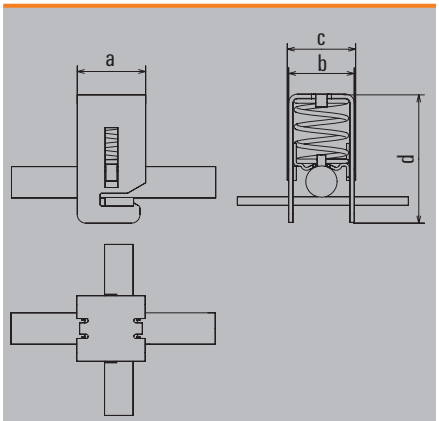
Cable attached to the busbar from above



KLBÜ CO 1 | KLBÜ CO 2 | KLBÜ CO 3 | KLBÜ CO 4 | KLBÜ CO 5



KLBUE CO



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket				
KLBUE CO 1	3...10 mm	18 / 12 / 13.2 / 32	10	**1753311001**
KLBUE CO 2	4...15 mm	18 / 20 / 21.1 / 41.6	10	**1752131001**
KLBUE CO 3	10...20 mm	25 / 23 / 24 / 45	10	**1749151001**
KLBUE CO 4	15...28 mm	32 / 31 / 25 / 56	10	**1749161001**
KLBUE CO 5	20...37 mm	35.5 / 40 / 42.7 / 64.5	10	**1755081001**

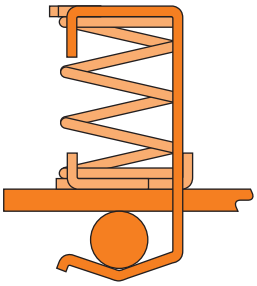
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

Shielding and earthing
Shield clamping saddle

Shield connection terminals KLBUE

Cable attached to the busbar from below



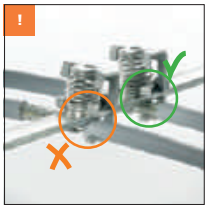
KLBÜ 2 x 2-6

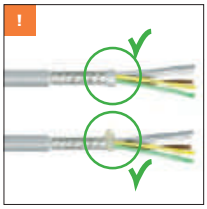
KLBÜ 3-8

KLBÜ 4-13.5

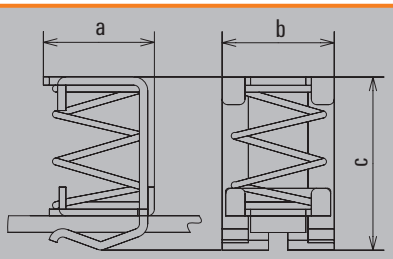
KLBÜ 10-20

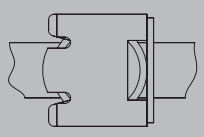
KLBÜ 15-32





KLBUE





Ordering data

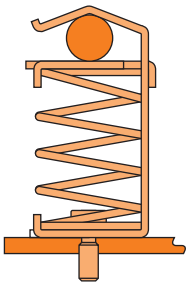
Type	for cable diameters	Dimensions (a x b x c) mm	Qty.	Order No.
Clamping bracket				
KLBUE 2X2-6	2...6 mm	15 / 18 / 24	10	**1675350000**
KLBUE 3-8	3...8 mm	14.5 / 18.5 / 26	10	**1600480000**
KLBUE 4-13.5	4...13.5 mm	20.5 / 22 / 31.5	10	**1592810000**
KLBUE 10-20	10...20 mm	24 / 26 / 40	10	**1600490000**
KLBUE 15-32	15...32 mm	33.5 / 32 / 64	10	**1716300000**

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

Shield connection terminals KLBUE

Cable attached on the mounting plate from above



SCH-1-WB

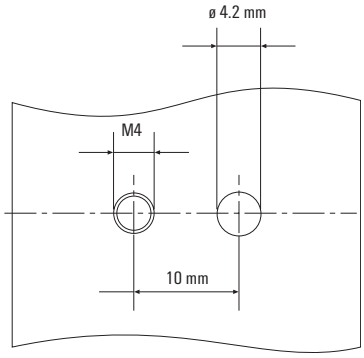
KLBÜ 3-8 SC

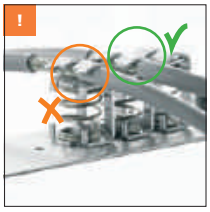
KLBÜ 4-13,5 SC

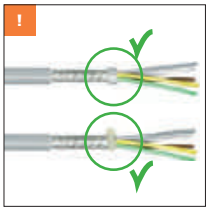
KLBÜ 10-20 SC

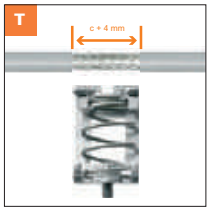
KLBÜ 15-32 SC

Drilling template KLBÜ 15-32 SC

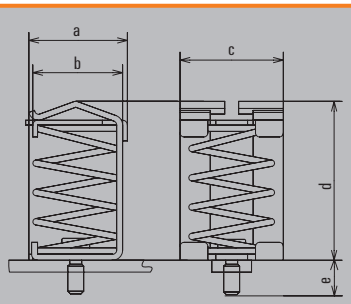


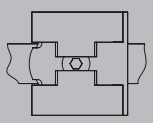






KLBUE SC



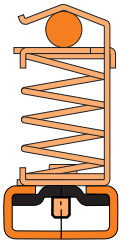


Ordering data

Type	for cable diameters	Length of thread	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket					
KLBUE 3-8 SC	3...8 mm	5.65 mm	14.5 / / 18.5 / 26	10	**1692261001**
KLBUE 4-13.5 SC	4...13.5 mm	5.3 mm	20.1 / / 22 / 31.45	10	**1712311001**
KLBUE 10-20 SC	10...20 mm	5.3 mm	23.6 / / 26 / 40	10	**1712321001**
KLBUE 15-32 SC	15...32 mm	4.8 mm	33.25 / / 32 / 63.9	10	**1718341001**

Note

Shield connection terminals KLBUE

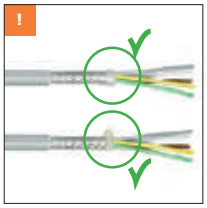


KLBÜ 3-8 CPF

KLBÜ 4-13,5 CPF

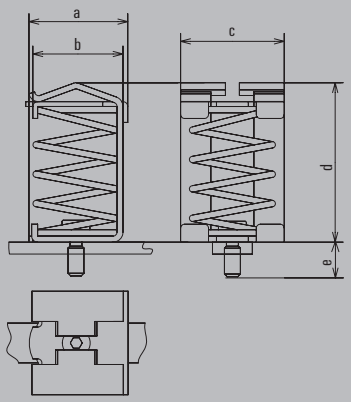
KLBÜ 10-20 CPF

KLBÜ 15-32 CPF

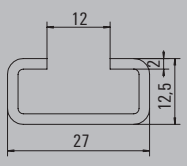


KLBUE CPF

Clamping bracket



C-rail



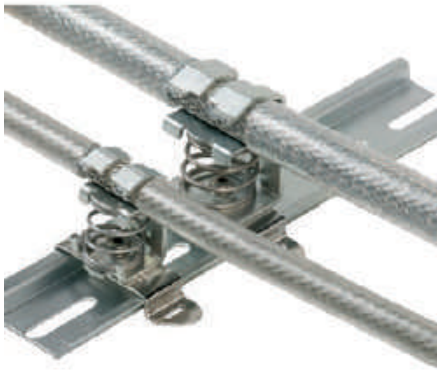
Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Type for 12 mm profile				
KLBUE 3-8 CPF	3...8 mm	14.5 / 13.5 / 18 / 26	10	**1752681001**
KLBUE 4-13.5 CPF	4...13.5 mm	20.5 / 19 / 22 / 31.5	10	**1752691001**
KLBUE 10-20 CPF	10...20 mm	24 / 22.5 / 26 / 39.5	10	**1752701001**
KLBUE 15-32 CPF	15...32 mm	33.5 / / 32 / 64	10	**1752711001**

Note

Clamping bracket holder

FM 4 foot



KLBÜ SC-type clamping brackets
(see previous page)
are screwed on to the **FM 4**foot

KLBÜ 4-13.5 FM4

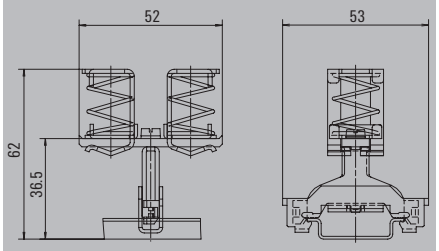
Clamping bracket holder

BS 35 II (without KLBÜ)

BS 35 II / KLBÜ 3-8

BS 35 II / KLBÜ 3-8 / 2 x 2-6

Clamping yoke holder



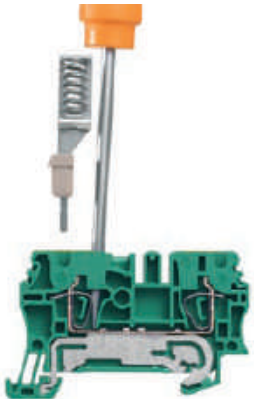
Ordering data

Type	for cable diameters	Qty.	Order No.
Clamping bracket fitted with FM 4 foot			
KLBUE 3-8 FM4	3...8 mm	10	**1252530000**
KLBUE 4-13.5 FM4	4...13.5 mm	10	**1252520000**
KLBUE 10-20 FM4	10...20 mm	10	**1252510000**
KLBUE 15-32 FM4	15...32 mm	10	**1252490000**
Clamping bracket holder			
BS 35II KLBUE HOLDER		10	**1723800000**
BS 35II KLBUE3-8	3...8	10	**1723810000**
BS 35II/KLBUE 4-13.5	4...13.5	10	**1723820000**
BS 35II KLBUE3-8/2X2-6	3...8	10	**1749430000**
BS 35II KLBUE2X3-8/2X2-6	3...8	10	**1768020000**

Note

Shielding and earthing
Shield clamping saddle

Shielding solutions for direct connection



KLBÜ 4-6 Z/1

Ordering data

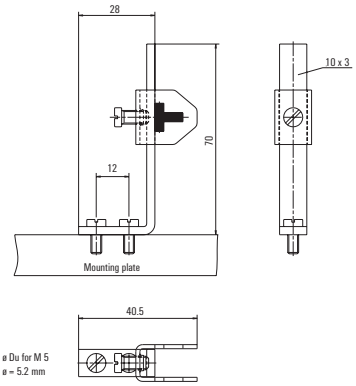
Type	for cable diameters	Qty.	Order No.
Type for 12 mm profile			
KLBUE 4-6 Z/1	4...6	10	**2269800000**

Note	suitable for Z series 2.5 mm²

Rail support / Spacer

Rail support

Set (WSH 4 MT) comprising:
- 1 busbar anglel
- 1 busbar connector (BFEH 1 / WSH)



Spacer

M6 outer and inner threads
(in 15 mm, 20 mm and 30 mm lengths)

WSH 4 MT / SP

Ordering data

Type	Length	Qty.	Order No.
Busbar support			
WSH 4 MT		10	**1079900000**
SH 4C		10	**1340870000**
Spacer			
SP M6 15 MSZN		1	**3896100000**
SP M6 20 MSZN		2	**3896200000**
SP M6 30 MSZN		2	**3896300000**

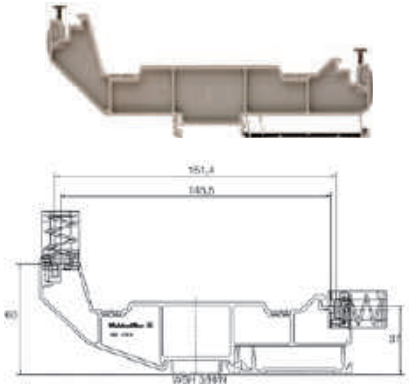
Note

Shielding and earthing
Shield clamping saddle

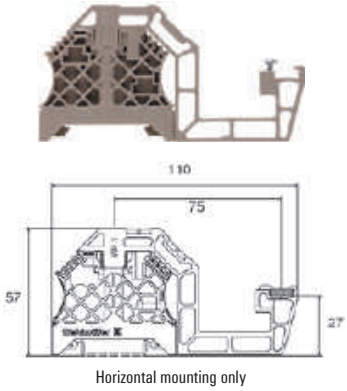
Rail support

Isolated mounting on TS 35

Type WSH 1

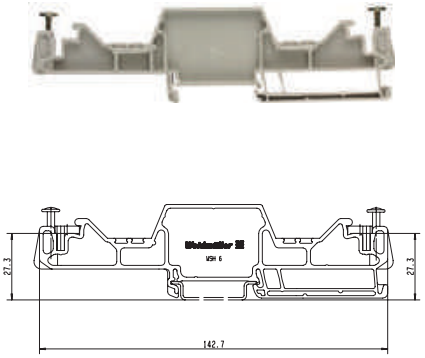


Type WSH 3/H/N

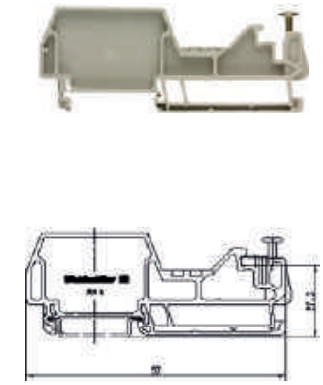


Horizontal mounting only

Type WSH 5



Type WSH 6



WSH

Ordering data

Type	Width	Qty.	Order No.
Rail support			
WSH 1	8 mm	10	**1068700000**
WSH 3/H/N	8 mm	10	**1715970000**
WSH 5	8 mm	10	**1080100000**
WSH 6	8 mm	10	**1080200000**

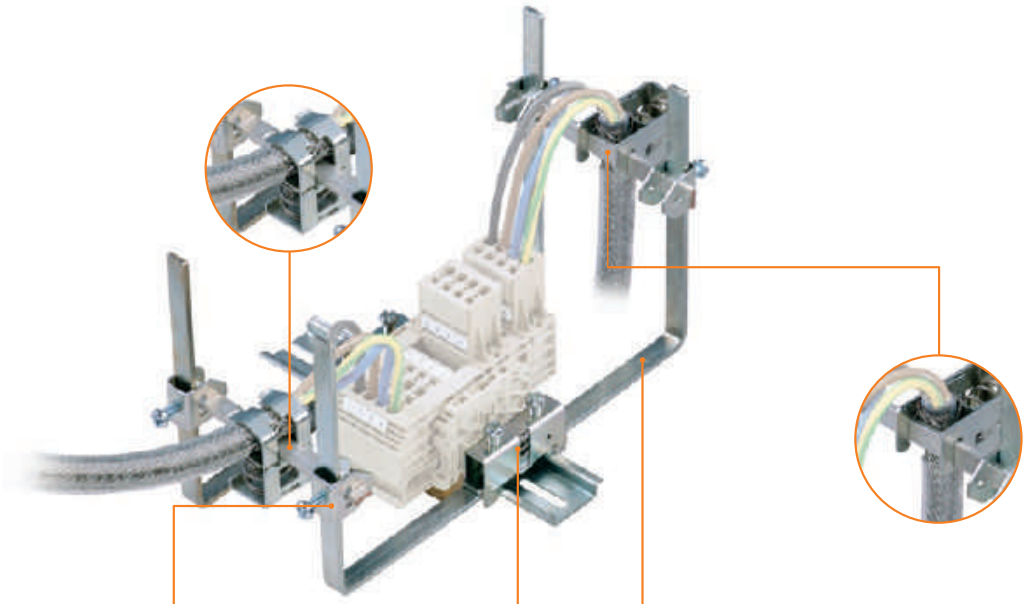
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

Rail support

Conductive mounting on TS 35

TS 35 clip
BS 35/WSH 2



Busbar connector
BFEH 1/WSH

TS 35-Clip
BS 35/WSH 2

Angled rail
SMSE WSH U1MT

WSH

Ordering data

Type	Dimensions (H x W x D) mm	Qty.	Order No.
TS 35 clip			
BS 35/WSH 2	52 / 13 / 37	10	**1760720000**
Busbar connector			
BFEH 1/WSH	20 / 13.5 / 31	10	**1082400000**
Angled rail			
SMSE WSH U1 MT	134 / 10 / 134	10	**1083900000**
SMSE WSH 135/60 MT	123.5 / 10 / 3	10	**1246990000**
Rail support sets			
WSH 18 MT		10	**1083100000**
WSH 19 MT		10	**1083200000**

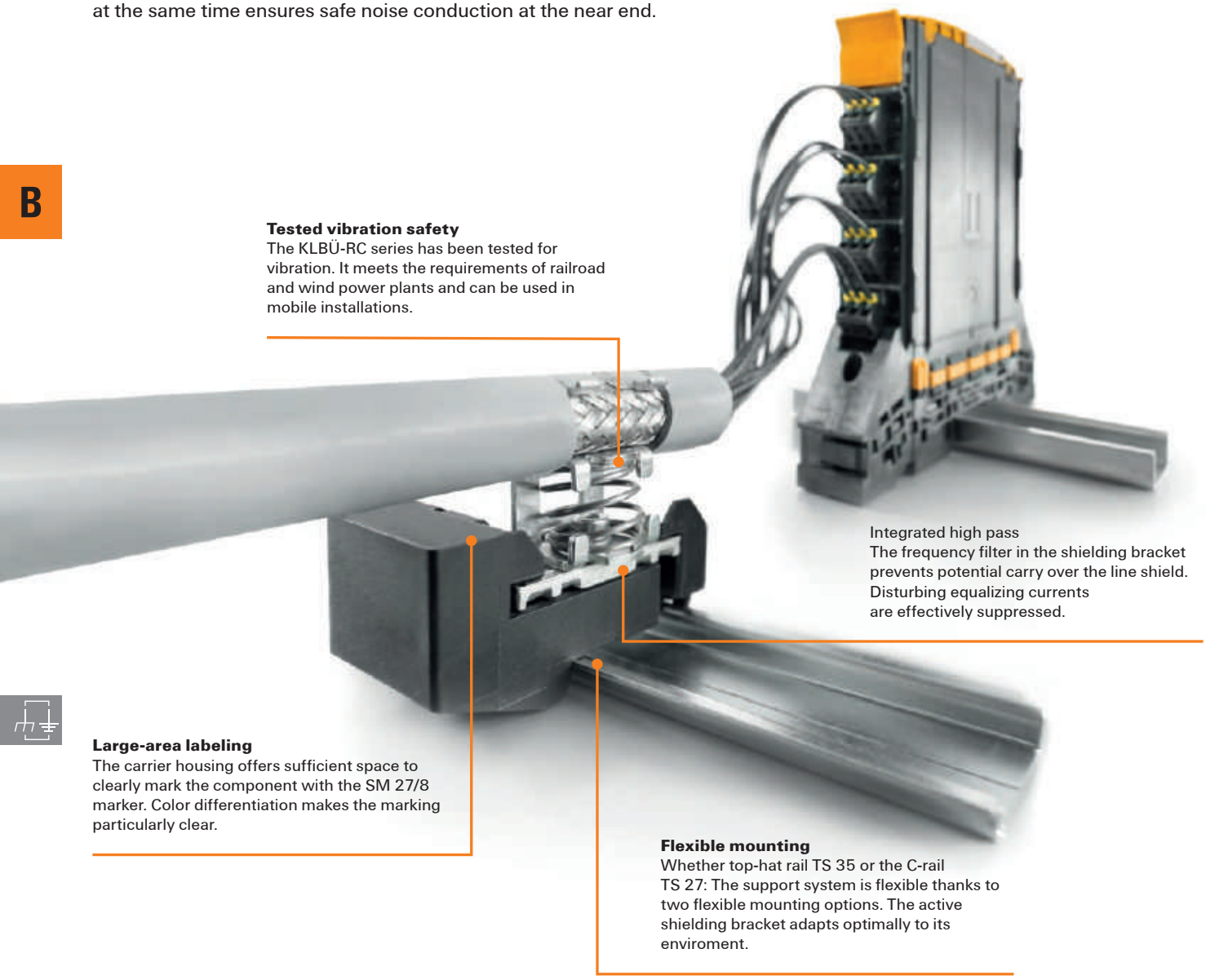
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	**0348900000**

Note

Discharge of interference currents without different ground levels

Klippon® Connect shielding bracket KLBÜ with filter

If possible, interference currents should be discharged at the near end of the line. However, distant ground levels usually cause unwanted equalizing currents. KLBÜ RC shielding brackets enable the optimal discharge of interference currents without different ground levels, as well as the associated equipotential bonding and the capacitance coating on the cable. The built-in high-pass filter blocks low-frequency currents and at the same time ensures safe noise conduction at the near end.

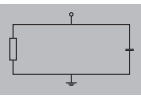
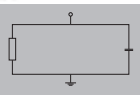


Tested vibration safety
The KLBÜ-RC series has been tested for vibration. It meets the requirements of railroad and wind power plants and can be used in mobile installations.

Integrated high pass
The frequency filter in the shielding bracket prevents potential carry over the line shield. Disturbing equalizing currents are effectively suppressed.

Large-area labeling
The carrier housing offers sufficient space to clearly mark the component with the SM 27/8 marker. Color differentiation makes the marking particularly clear.

Flexible mounting
Whether top-hat rail TS 35 or the C-rail TS 27: The support system is flexible thanks to two flexible mounting options. The active shielding bracket adapts optimally to its enviroment.

	KLBUE 10-20 RC TS 27	KLBUE 4-13.5 RC TS 27
	Clamping bracket	Clamping bracket
Width/Height/Depth mm	39.6 x 67.5 x 63.6 	37.5 x 67.5 x 55.6 

Technical data

Rated data		
Rated voltage	230 V AC	230 V AC
Conductors to be clamped:		
Cable diameter, min.	10 mm	4 mm
Cable diameter, max.	20 mm	13.5 mm
General data		
Continuous operating temp., min.	-25	-25
Continuous operating temp., max.	105	105
UL 94 flammability rating	V-0	V-0
Colour	black, Silver grey	black, Silver grey
Material	PA 66 GF 30	PA 66 GF 30
Component 1	Resistance 1 MΩ	Resistance 1 MΩ
Component 2	Capacitor 100 nF	Capacitor 100 nF
Installation advice	Direct mounting	Direct mounting
Note		

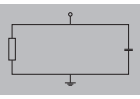
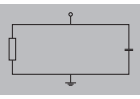
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high pass	KLBUE 10-20 RC TS27	1	**1403050000**	KLBUE 4-13.5 RC TS27	1	**1403060000**
Note						

Accessories

Terminal rail	Type	Qty.	Order No.	Type	Qty.	Order No.
Marking tags						
	SM 27/8 K MC NE WS	80	**1812630000**	SM 27/8 K MC NE WS	80	**1812630000**
Operating tool						
	BTWZ KLBUE	1	**1742630000**	BTWZ KLBUE	1	**1742630000**
Screwdriver						
Standard	SDS 0.6X3.5X100	1	**2749340000**	SDS 0.6X3.5X100	1	**2749340000**
C-rail						
	TS 27X12.5M/ST/F.ZN	2	**1802690000**	TS 27X12.5M/ST/F.ZN	2	**1802690000**

For detailed information on other accessories and application in the online catalogue

	KLBUE 3-8 RC TS 35	KLBUE 3-8 RC TS 27
	Clamping bracket	Clamping bracket
Width/Height/Depth mm	35 x 67.5 x 50 	35 x 67.5 x 50 

Technical data

Rated data		
Rated voltage	230 V AC	230 V AC
Conductors to be clamped:		
Cable diameter, min.	3 mm	3 mm
Cable diameter, max.	8 mm	8 mm
General data		
Continuous operating temp., min.	-25	-25
Continuous operating temp., max.	105	105
UL 94 flammability rating	V-0	V-0
Colour	black, Silver grey	black, Silver grey
Material	PA 66 GF 30	PA 66 GF 30
Component 1	Resistance 1 MΩ	Resistance 1 MΩ
Component 2	Capacitor 100 nF	Capacitor 100 nF
Installation advice	Direct mounting	Direct mounting
Note		

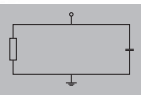
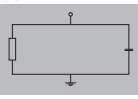
Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high pass	KLBUE 3-8 RC TS35	1	**1402830000**	KLBUE 3-8 RC TS27	1	**1403070000**
Note						

Accessories

Terminal rail	Type	Qty.	Order No.	Type	Qty.	Order No.
	TS 35X7.5 2M/ST/ZN	2	**0383400000**			
	TS 35X7.5/LL 2M/ST/ZN	2	**0514500000**			
	TS 35X15/LL 2M/ST/ZN	2	**0236500000**			
Marking tags						
	SM 27/8 K MC NE WS	80	**1812630000**	SM 27/8 K MC NE WS	80	**1812630000**
Operating tool						
	BTWZ KLBUE	1	**1742630000**	BTWZ KLBUE	1	**1742630000**
Screwdriver						
Standard	SDS 0.6X3.5X100	1	**2749340000**	SDS 0.6X3.5X100	1	**2749340000**
C-rail						
				TS 27X12.5M/ST/F.ZN	2	**1802690000**

For detailed information on other accessories and application in the online catalogue

	KLBUE 10-20 RC TS 35	KLBUE 4-13.5 RC TS 35
	Clamping bracket	**Clamping bracket**
Width/Height/Depth mm	39.6 x 67.5 x 63.6 	37.5 x 67.5 x 55.6 

Technical data

Rated data		
Rated voltage	230 V AC	230 V AC
Conductors to be clamped:		
Cable diameter, min.	10 mm	4 mm
Cable diameter, max.	20 mm	13.5 mm
General data		
Continuous operating temp., min.	-25	-25
Continuous operating temp., max.	105	105
UL 94 flammability rating	V-0	V-0
Colour	black, Silver grey	black, Silver grey
Material	PA 66 GF 30	PA 66 GF 30
Component 1	Resistance 1 MΩ	Resistance 1 MΩ
Component 2	Capacitor 100 nF	Capacitor 100 nF
Installation advice	Direct mounting	Direct mounting
Note		

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
for shield connection with high pass	KLBUE 10-20 RC TS35	1	**1403080000**	KLBUE 4-13.5 RC TS35	1	**1403090000**
Note						

Accessories

	Type	Qty.	Order No.	Type	Qty.	Order No.
Terminal rail	TS 35X7.5 2M/ST/ZN	2	**0383400000**	TS 35X7.5 2M/ST/ZN	2	**0383400000**
	TS 35X7.5/LL 2M/ST/ZN	2	**0514500000**	TS 35X7.5/LL 2M/ST/ZN	2	**0514500000**
	TS 35X15/LL 2M/ST/ZN	2	**0236500000**	TS 35X15/LL 2M/ST/ZN	2	**0236500000**
Marking tags						
	SM 27/8 K MC NE WS	80	**1812630000**	SM 27/8 K MC NE WS	80	**1812630000**
Operating tool						
	BTWZ KLBUE	1	**1742630000**	BTWZ KLBUE	1	**1742630000**
Screwdriver						
Standard	SDS 0.6X3.5X100	1	**2749340000**	SDS 0.6X3.5X100	1	**2749340000**
C-rail						

For detailed information on other accessories and application in the online catalogue

Equipotential bonding
General principles

Advancements in technology means that, electrical installations in buildings and industrial plants are becoming increasingly extensive and demanding. Furthermore, the application of high-frequency, complex industrial systems grows. In order to guarantee reliability and operational safety, it is necessary to protect machines and systems against overvoltage and electromagnetic coupling. This is achieved by equipotential bonding. The purpose of equipotential bonding is to connect all metallic parts with different potentials to each other so that they have approximately the same potential. In its product portfolio, Weidmüller has developed solutions for equipotential bonding in industrial environments.

What is the difference between grounding and Equipotential bonding?

Equipotential bonding

Compensation of different voltages
to a uniform level

Grounding

Connection of a point with that of the Earth

functional equipotential bonding

The functional equipotential bonding is used for exclusively functional purposes

protective equipotential bonding

An electrical connection is established between all conductive parts of the system, in order to be connected to the resulting equipotential boding the human being from an electric shock protect

Innovations in equipotential bonding

In cooperation with Weidmüller, market-leading floor trunking manufacturers have developed a new solution with pre-prepared cut-outs for equipotential bonding. This includes the addition of punchable holes to simplify wiring.

The new small equipotential bonding terminals FB 16-50 offer an efficient solution for fixing conductors of the equipotential bonding to the cable duct. This is particularly interesting for applications where the conductor must be routed through a cable duct over long distances without stubs.

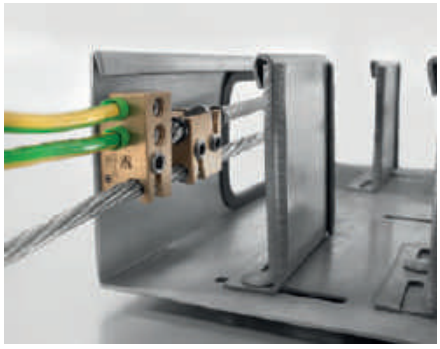
Benefits:

- Simple wiring due to small space requirement
- More cost-effective wiring of the equipotential bonding system
- Use of several product compensation clamps without additional costs
- Possibility of setting up a close-meshed equipotential bonding system
- Achieving low impedance equipotential bonding

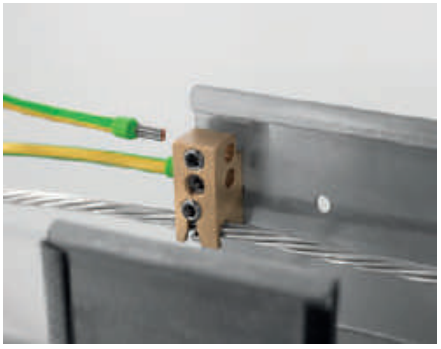
Benefits:

- Easier and more efficient wiring – without drilling
- Punching of holes without special tools
- High flexibility due to small hole spacing of max. 10 cm
- Cleaner working without drilling chips in the floor channel

Potential equalisation terminal block



Low installation height



Additional connection up to 16 mm²

Good visibility of the clamping screws

Technical data

Connection direction	on side
Tightening torque, min.	5 Nm
Clamping screw	M 6
Connection cross-section, flexible, min. / max.	10…50 mm²

Note

Ordering data

Type	Stripping length	Number of connections	Conductor min. / max.	Qty.	Order No.
Screw connection					
JB 25-50	33	2	10…50	10	**1547500000**
JB 25-50 TH	33	2	10…50	10	**2762660000**
EBB 25-50/16	20	3	10…50	10	**1547490000**
EBB 25-50/16 AM	20	3	10…50	10	**2756940000**
FB 16-50	33	1	16…50	15	**2623930000**

Type	Description of article	Qty.	Order No.
SK WSD-S 1,5-10,0	Screwing tool	1	**9008850000**

Note

Practical tip

Functional earth terminal blocks

According to the Machinery Directive 2006/42EG, terminal blocks may be white when used for functional earthing. PE terminals with a protective function for life and limb must still be green-yellow, but can also be used for functional earthing. The symbols used are extended in order to clarify the use as a functional earth.

Weidmüller offers white PE terminals from the "A-, W- and Z series" product family for systems in which this distinction should or must be made. The colour of these terminals clearly indicates that the respective circuits are exclusively to provide functional protection for the connected electronic system.

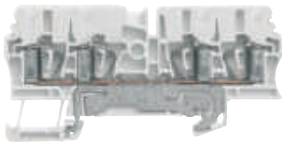
Symbol for functional earth:

Symbol for protection earth:

A-Series
with PUSH IN technology

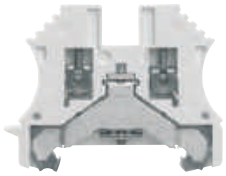
Type	Qty.	Order No.
A2C 2.5 FE WT	50	2690460000
A4C 2.5 FE WT	50	2690470000
A2C 4 FE WT	50	2734150000
A2C 6 FE WT	50	2734160000
A2C 10 FE WT	50	2734170000

Z-Series
with tension spring technology

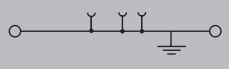
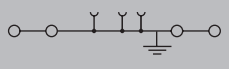


Type	Qty.	Order No.
ZPE 2.5/4AN WS	50	1698110000

W-Series
with clamping-yoke technology



Type	Qty.	Order No.
WPE 2.5 WS	100	1010010000

	A2C 2.5 FE WT	2.5 mm²	A4C 2.5 FE WT	2.5 mm²
Width/Height/Depth mm	5.1 x 55 x 36.5		5.1 x 77.5 x 36.5	
max. current / max. cond. cross-section -/mm²	/ 4		/ 4	
Max. clamping range mm²	0.14...4 		0.14...4 	

Technical data

	A2C 2.5 FE WT	A4C 2.5 FE WT
Rated data		
Rated voltage -	IEC 60947-7-2	IEC 60947-7-2
Rated current -		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Twin wire-end ferrule mm²		
Stripping length / Blade size mm/-		

IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	2.5 mm²
	/ 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

Note

Ordering data

Version	A2C 2.5 FE WT	A4C 2.5 FE WT
	white	

Type	Qty.	Order No.
A2C 2.5 FE WT	50	2690460000
A4C 2.5 FE WT	50	2690470000

Note

Accessories

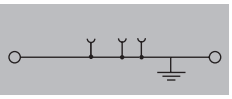
	Type		Qty.	Order No.
End plate				
dark beige	AEP 2C 2.5		50	1514400000
End bracket				
dark beige, screwable	AEB 35 SC/1		50	1991920000
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

	Type		Qty.	Order No.
	AEP 2C 2.5		50	1514400000
	AEB 35 SC/1		50	1991920000
	AEB 35 SCL/1 V0		20	2661280000
	ATPG 1.5-10 L	0.2 A	50	1991890000
	ATPG 2.5 MI-R	0.2 A	50	1991960000
	ATPG 2.5/3	0.2 A	25	2041190000
	ATPG 2.5/5	0.2 A	25	2041180000
	PS 2.0 MC		20	0310000000
	SDIL 0,6X3,5X100		1	2749140000
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000
	WS 10/5 M PLUS MC NE WS		600	2003770000

For detailed information on other accessories and application in the online catalogue

A2C 4 FE WT — 4 mm²

6.1 x 60 x 39.5
/ 6
0.14...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			
	8 kV / 3		
	A4 / V-0		

CE

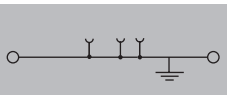
Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 4 FE WT	50	2734150000

Type		Qty.	Order No.
AEP 2C 4		50	2051680000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

A2C 6 FE WT — 6 mm²

8.1 x 66.5 x 45.5
/ 10
0.34...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
	8 kV / 3		
	A5 / V-0		

CE

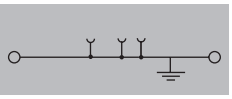
Rated connection
0.5...6 / 0.5...6
0.5...10 / 0.5...6
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 6 FE WT	50	2734160000

Type		Qty.	Order No.
AEP 2C 6		50	1991970000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MI-R	0.2 A	50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK-A 5/8 MM WS		500	2448860000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS-A 8/8 MM WS		500	2448930000
WS 10/8 PLUS MC NE WS		420	1905950000

A2C 10 FE WT — 10 mm²

10 x 80.5 x 51.5
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10			
	/ 3		
	A6 / V-0		

CE KEUR

Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...10
0.5...4
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 10 FE WT	50	2734170000

Type		Qty.	Order No.
AEP 2C 10/16		20	2490380000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

Shielding and earthing
Functional earth – Tension clamp connection

ZPE 2.5/4AN WS | **2.5 mm²**

Width/Height/Depth	mm	5.1 x 79.5 x 38.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.05...4

Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	-			
Rated current	-			
for wire cross-section	mm²	2.5		
Rated impulse withstand voltage / Pollution severity			/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals		CE		
Clamped conductors (H05V/H07V)		**Rated connection**		
Solid / Stranded	mm²	0.5...4		
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5		
Twin wire-end ferrule	-			
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm		

Note

Ordering data

Version	Type	Qty.	Order No.
white	ZPE 2.5/4AN WS	50	1698110000

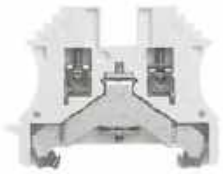
Note

Accessories

End bracket	Type	Qty.	Order No.
dark beige	ZEW 35	20	9540000000
Test adapter			
With spigot	ZTA 1/ZA 9 A	25	1609050000
Reducing sleeves			
for conductors < 0.5 mm² / AWG 20	ZRH 2.5/1 WS	1000	1614300000
for conductors < 1.0 mm² / AWG 18	ZRH 2.5/2 GR/V0	1000	1614290000
Marking tags			
	BZT 1 WS 10/5	100	1805490000
	BZT 1 ZA WS 10/5	100	1805520000
Screwdriver			
Standard	SDIS SLIM 0.6X3.5X100	1	2749610000

For detailed information on other accessories and application in the online catalogue

WPE 2.5 WS | 2.5 mm²



Width/Height/Depth	mm	5.1 x 60 x 46.5
max. current / max. cond. cross-section	-/mm²	/ 4
Max. clamping range	mm²	0.05...4

Technical data

Rated data		IEC	UL	CSA	EN 60079-7
Rated voltage	-				
Rated current	-				
for wire cross-section	mm²	2.5			
Rated impulse withstand voltage / Pollution severity				/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A3 / V-0	
Approvals		CE			
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5			
Twin wire-end ferrule	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			

Note

Ordering data

Version		Type	Qty.	Order No.
	white	WPE 2.5 WS	50	1010010000

Note

Accessories

End plate / Partition plate		Type	Qty.	Order No.
	dark beige	WAP 2.5-10	50	1050000000
End bracket				
	dark beige	WEW 35/2	50	1061200000
Screwdriver				
	Standard	SDS 0.6X3.5X100	1	2749340000
Marking tags				
		DEK 5/5 MC NE WS	1000	1609801044
		WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

	AL2C 2.5 FE	2.5 mm²	AL3C 2.5 FE	2.5 mm²
Width/Height/Depth mm	5.1 x 57 x 36.5		5.1 x 68 x 48	
max. current / max. cond. cross-section A/mm²	**24 / 2.5**		**24 / 2.5**	
Max. clamping range mm²	**0.14...2.5**		**0.14...2.5**	

Technical data

	AL2C 2.5 FE	AL3C 2.5 FE
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	800	800
for wire cross-section mm²	24	24
Rated impulse withstand voltage / Pollution severity	2.5	2.5
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	A3 / V-0	A3 / V-0
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Flexible / Flexible with ferrule mm²	0.5...2.5 / 0.5...2.5	0.5...2.5 / 0.5...2.5
Twin wire-end ferrule mm²	0.5...0.75	0.5...0.75
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

IEC	UL	CSA	EN 60079-7
AL2C 2.5 FE			
AL3C 2.5 FE			

Note

Ordering data

Version	Type	Qty.	Order No.
yellow/black	AL2C 2.5 FE	50	**2847320000**
	AL3C 2.5 FE	50	**2847450000**

Note

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
10-pole				
End plate				
dark beige	ALEP 2C 2.5		20	**2871750000**
Blue	ALEP 2C 2.5 BL		20	**2871760000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
10-pole				
End plate				
dark beige	ALEP 3C 2.5		20	**2871770000**
Blue	ALEP 3C 2.5 BL		20	**2871780000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
	WS 8/5 MM WS		800	**2007150000**
	WS 10/5 M PLUS MC NE WS		600	**2003770000**

For detailed information on other accessories and application in the online catalogue

AL4C 2.5 FE — 2.5 mm²

5.1 x 79.5 x 48
24 / 2.5
0.14...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL4C 2.5 FE	50	2847580000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ALEP 4C 2.5		20	2871790000
ALEP 4C 2.5 BL		20	2871800000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

AL2C 4 FE — 4 mm²

6.1 x 60 x 39.5
32 / 4
0.14...4

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2C 4 FE		2871980000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ALEP 2C 4			2871810000
ALEP 2C 4 BL			2871820000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

AL3C 4 FE — 4 mm²

6.1 x 71.5 x 52.5
32 / 4
0.14...4

IEC 60947-7-1

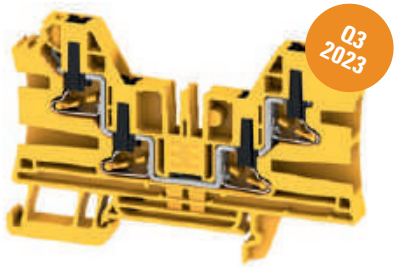
IEC	UL	CSA	EN 60079-7
1000			
32			
4			
	8 kV / 3		
	A4 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL3C 4 FE		2872100000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ALEP 3C 4			2871830000
ALEP 3C 4 BL			2871840000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

	AL4C 4 FE	A4C 6 FE
	4 mm²	6 mm²



Width/Height/Depth	mm	6.1 x 83 x 52.5	8.1 x 102 x 45.5
max. current / max. cond. cross-section	A/mm²	**32 / 4**	**41 / 10**
Max. clamping range	mm²	**0.14...4**	**0.34...10**

Technical data

Rated data		AL4C 4 FE	A4C 6 FE
Rated voltage	V	IEC 60947-7-1	IEC 60947-7-1
Rated current	A		
for wire cross-section	mm²		
Rated impulse withstand voltage / Pollution severity			
Gauge to IEC 60947-1 / UL 94 flammability rating			
Approvals			
Clamped conductors (H05V/H07V)			
Solid / Stranded	mm²		
Flexible / Flexible with ferrule	mm²		
Twin wire-end ferrule	mm²		
Stripping length / Blade size	mm/-		

IEC	UL	CSA	EN 60079-7
1000			
32			
4			
		8 kV / 3	
		A4 / V-0	

IEC	UL	CSA	EN 60079-7
800			
41			
6			
		8 kV / 3	
		A5 / V-0	

Rated connection	AL4C 4 FE	A4C 6 FE
	0.5...4 / 0.5...4	0.5...6 / 0.5...6
	0.5...4 / 0.5...4	0.5...10 / 0.5...6
	0.5...1.5	0.5...1.5
	12 / 0.6 x 3.5 mm	12 / 1.0 x 5.5 mm

Note

Ordering data

Version	AL4C 4 FE	A4C 6 FE
	yellow/black	

Type	Qty.	Order No.	AL4C 4 FE
AL4C 4 FE		**2872220000**	

Type	Qty.	Order No.	A4C 6 FE
A4C 6 FE		**2881480000**	

Note

Accessories

Plug-in cross-connection				
2-pole				
3-pole				
4-pole				
2-pole	ZQV 4N/2	32 A	60	**1527930000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**
End plate				
dark beige	ALEP 4C 4			**2871850000**
Blue	ALEP 4C 4 BL			**2871860000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 4 MI-R	0.2 A	50	**1991860000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Marking tags				
	WS 10/6 M PLUS MC NE WS		600	**2003780000**
	WS 8/6 MM WS		600	**2007160000**
	DEK 5/6 MM WS		600	**2007120000**
	DEK 5/6 PLUS MC NE WS		1000	**1011320000**

Type		Qty.	Order No.
ZQV 6N/2	41 A	60	**1985740000**
ZQV 6N/3	41 A	60	**1985760000**
ZQV 6N/4	41 A	60	**1985780000**
AEP 4C 6			**2876180000**
AEP 4C 6 BL			**2876190000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
DEK-A 5/8 MM WS		500	**2448860000**
WS-A 8/8 MM WS		500	**2448930000**
DEK 5/8 PLUS MC NE WS		800	**1046350000**
WS 10/8 PLUS MC NE WS		420	**1905950000**

For detailed information on other accessories and application in the online catalogue

	A2C 35 FE	A2C 35 DM
	35 mm²	35 mm²
Width/Height/Depth mm	16 x 101.5 x 71.5	16 x 135 x 71.5
max. current / max. cond. cross-section A/mm²	**125 / 35**	**125 / 35**
Max. clamping range mm²	**2.5...35**	**2.5...35**

Technical data

	A2C 35 FE	A2C 35 DM
Rated data		
Rated voltage V	1000	1000
Rated current A	125	125
for wire cross-section mm²	35	35
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	/ V-0	/ V-0
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Twin wire-end ferrule mm²		
Stripping length / Blade size mm/-		
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm²

Rated connection
2.5...16 / 10...35
10...35 / 2.5...35
2.5...10
25 / 1.0 x 5.5 mm

Ordering data

Version	A2C 35 FE	A2C 35 DM
	yellow/black	
Note		

Type	Qty.	Order No.
A2C 35 FE	10	**2551530000**

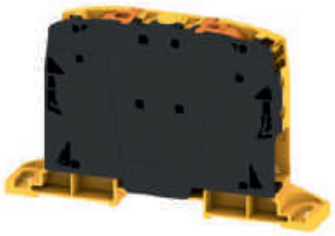
Type	Qty.	Order No.
A2C 35 FE DM	10	**2552160000**

Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 35N/2	125 A	10	**2634950000**
2-pole	ZQV 35N-10	57 A	10	**2562670000**
2-pole	ZQV 35N-16	76 A	10	**2562660000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**

	Type		Qty.	Order No.
	ZQV 35N/2	125 A	10	**2634950000**
	ZQV 35N-10	57 A	10	**2562670000**
	ZQV 35N-16	76 A	10	**2562660000**
	AEB 35 SC/1		50	**1991920000**
	AEB 35 SCL/1 V0		20	**2661280000**
	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	PS 2.0 MC		20	**0310000000**
	SDS 1.0X5.5X150		1	**2749380000**
	AAM 35-185 YE FLASH		40	**2635600000**
	WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

	A2C 50/70 FE	50 mm²	A2C 50/70 FE-DM	50 mm²
				
Width/Height/Depth mm	20 x 101.5 x 80.5		20 x 134 x 80.5	
max. current / max. cond. cross-section A/mm²	**150 / 70**		**150 / 70**	
Max. clamping range mm²	**10...70**		**10...70**	

Technical data

	A2C 50/70 FE	A2C 50/70 FE-DM
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	IEC: 1000 / UL: 1000 / CSA: 1000 / EN 60079-7	IEC: 1000 / UL: 1000 / CSA: 1000 / EN 60079-7
for wire cross-section mm²	150	150
Rated impulse withstand voltage / Pollution severity	50 / AWG 8...0 / AWG 8...NaN	50 / AWG 8...0 / AWG 8...NaN
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	/ V-0	/ V-0
	cULus	cULus
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	**Rated connection**	**Rated connection**
Flexible / Flexible with ferrule mm²	10...16 / 10...70	10...16 / 10...70
Twin wire-end ferrule mm²	10...70 / 10...50	10...70 / 10...50
Stripping length / Blade size mm/-	4...10	4...10
	30 / 1.0 x 5.5 mm	30 / 1.0 x 5.5 mm
Note	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.	If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Ordering data

Version	Type	Qty.	Order No.
yellow/black	A2C 50/70 FE	5	**2663270000**
Note			

Type	Qty.	Order No.
A2C 50/70 FE-DM	5	**2663350000**

Accessories

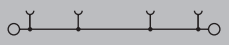
Cross connections insertable	Type		Qty.	Order No.
2-pole	ZQV 50/70N/2	150 A	10	**2663400000**
3-pole				
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 1.0X5.5X150		1	**2749380000**
Warning labels				
	AAM 35-185 YE FLASH		40	**2635600000**
Marking tags				
	WS-A 8/16 MM WS		200	**2619910000**

Type		Qty.	Order No.
ZQV 50/70N/2	150 A	10	**2663400000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

For detailed information on other accessories and application in the online catalogue

A2C 95/120 FE — 95 mm²

25 x 101.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95	AWG 4...0		
	8 kV / 3		
	/ V-0		

cULus

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

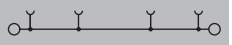
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120 FE	5	**2694080000**

Type		Qty.	Order No.
ZQV 95/120N/2	192 A	10	**2694250000**
ZQV 95/120N/3	192 A	10	**2694260000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C 95/120 FE-DM — 95 mm²

25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95	AWG 4...0		
	8 kV / 3		
	/ V-0		

cULus

Rated connection
25...120 / 25...120
25...120 / 25...95
40 / 1.0 x 5.5 mm

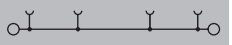
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	**2694170000**

Type		Qty.	Order No.
ZQV 95/120N/2	192 A	10	**2694250000**
ZQV 95/120N/3	192 A	10	**2694260000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

A2C 150/185 FE — 150 mm²

34 x 118.5 x 98
309 / 185
25...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
309			
150			
	8 kV / 3		
	B13 / V-0		

Rated connection
50...185 / 50...185
50...185 / 50...150
40 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 150/185 FE	5	**2728720000**

Type		Qty.	Order No.
ZQV 150/185N/2	232 A	5	**2728840000**
ZQV 150/185N/3	232 A	5	**2728850000**
AEB 35 SC/1		50	**1991920000**
AEB 35 SCL/1 V0		20	**2661280000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDS 1.0X5.5X150		1	**2749380000**
AAM 35-185 YE FLASH		40	**2635600000**
WS-A 8/16 MM WS		200	**2619910000**

	WDU 2.5	WDU 4
	2.5 mm²	4 mm²
Width/Height/Depth mm	5.1 x 60 x 46.5	6.1 x 60 x 46.5
max. current / max. cond. cross-section A/mm²	32 / 4	41 / 6
Max. clamping range mm²	0.05...4	0.13...6

Technical data

	WDU 2.5	WDU 4
Rated data		
Rated voltage V	800	800
Rated current A	24	32
for wire cross-section mm²	2.5	4
Rated impulse withstand voltage / Pollution severity	8 kV / 3	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0	A4 / V-0
Approvals		DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²	0.5...4 / 1.5...4	0.5...6 / 1.5...6
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...6 / 0.5...4
Tightening torque / Clamping screw Nm	0.4...0.8 / (M 2.5)	0.5...1 / (M 3)
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
2 conductors with same cross-section (H05V/H07V)		
Solid / Stranded mm²	0.5...1.5	
Flexible / Flexible with ferrule mm²	0.5...1.5 / 0.5...1.5	0.5...1.5 / 0.5...1.5
Note		

	WDU 2.5	WDU 4
IEC 60947-1	Ex eb II C Gb, II 2 G D	Ex eb II C Gb, II 2 G D
IEC	800	800
UL		
CSA	24	32
EN 60079-7	2.5	4 mm²

	WDU 2.5	WDU 4
Rated connection	**Further connection**	**Further connection**
0.5...4 / 1.5...4		0.5...6 / 1.5...6
0.5...4 / 0.5...2.5		0.5...6 / 0.5...4
0.4...0.8 / (M 2.5)		0.5...1 / (M 3)
10 / 0.6 x 3.5 mm		10 / 0.6 x 3.5 mm
0.5...1.5		
0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5

Ordering data

Version	Type	Qty.	Order No.
yellow/black	WDU 2.5 GE/SW	100	2429520000
Note			

Type	Qty.	Order No.
WDU 4 GE/SW	100	1020190000

Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
2-pole				
10-pole				
Screwable cross-connection				
2-pole	WQV 2.5/2	32 A	50	1053660000
10-pole	WQV 2.5/10	32 A	20	1054460000
End plate / Partition plate				
dark beige	WAP 2.5-10		50	1050000000
Blue	WAP 2.5-10 BL		50	1050080000
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000
End bracket				
dark beige	WEW 35/2		50	1061200000
Testing / Checking				
Standard	WTA 2 WDU2.5-10	6 A	25	1632320000
With spigot	WTA 2/ZA WDU2.5-10	6 A	25	1632330000
Cover				
Blank, yellow	WAD 5 MC NE GE		48	1112920000
Blank, white	WAD 5 MC NE WS		48	1112910000
Marking tags				
	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/5 MC NE WS		720	1609860000
	DEK 5/5 MM WS		800	2007110000
	WS 8/5 MM WS		800	2007150000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WQV 4/2	41 A	50	1051960000
WQV 4/10	41 A	20	1052060000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 3 WDU4	6 A	25	1632350000
WTA 3/ZA WDU4	6 A	25	1632360000
WAD 5 MC NE GE		48	1112920000
WAD 5 MC NE WS		48	1112910000
DEK 5/6 MM WS		600	2007120000
WS 12/6 MC NE WS		600	1609900000

For detailed information on other accessories and application in the online catalogue

	WDU 16	16 mm²	WDU 16N	16 mm²
Width/Height/Depth mm	11.9 x 60 x 62.5		12 x 60 x 46.5	
max. current / max. cond. cross-section A/mm²	**101 / 25**		**101 / 25**	
Max. clamping range mm²	**0.82...25**		**1.5...25**	

Technical data

	WDU 16				WDU 16N			
Rated data								
Rated voltage V	IEC 60947-7-1				IEC 60947-7-1			
Rated current A								
for wire cross-section mm²								
Rated impulse withstand voltage / Pollution severity								
Gauge to IEC 60947-1 / UL 94 flammability rating								
Approvals				Ex eb II C Gb II 2 G D				
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²								
Flexible / Flexible with ferrule mm²								
Tightening torque / Clamping screw Nm								
Stripping length / Blade size mm/-								
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded mm²								
Flexible / Flexible with ferrule mm²								
Note								

IEC	UL	CSA	EN 60079-7
1000			690
76			76
16			16 mm²
		8 kV / 3	
		B7 / V-0	
			DEMKO14ATEX1338U

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
3...4 / (M 5)	
16 / 1.0 x 5.5 mm	
1.5...6 / 1.5...6	
1.5...6 / 1.5...6	

IEC	UL	CSA	EN 60079-7
690	600		
76	70		
16	AWG 14...6		
		8 kV / 3	
		B7 / V-0	

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
1.2...2.4 / (M 4)	
12 / 1.0 x 5.5 mm	

Ordering data

Version	Type	Qty.	Order No.
yellow/black	WDU 16 GE/SW	50	**2000040000**
Note			

Type	Qty.	Order No.
WDU 16N GE/SW	50	**2000050000**

Accessories

Screwable cross-connection	Type		Qty.	Order No.
2-pole	WQV 16/2	101 A	50	**1053260000**
3-pole				
4-pole				
10-pole	WQV 16/10	101 A	10	**1053360000**
End plate / Partition plate				
dark beige	WAP 16+35 WTW 2.5-10		20	**1050100000**
Blue	WAP 16+35 WTW 2.5-10 BL		20	**1050180000**
End bracket				
dark beige, screwable	WEW 35/1		50	**1059000000**
dark beige				
Cover				
black/yellow	WAD 12 MC B GE/SW		32	**2445090000**
white	WAD 12 MC NE WS		32	**2445070000**
With lightning flash symbol				
Blank, white				
Additional connection				
4mm²				
10 mm²				
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**
Testing / Checking				
Standard				

Type		Qty.	Order No.
WQV 16N/2	76 A	50	**1636560000**
WQV 16N/4	76 A	50	**1636580000**
WTW EN		20	**1058800000**
WEW 35/2		50	**1061200000**
WAD 12N GE BED		50	**1073200000**
WAD 12N WS		50	**1073290000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 10/12 MC NE WS		300	**1905970000**
WTA 2 WDU2.5-10	6 A	25	**1632320000**

For detailed information on other accessories and application in the online catalogue

	WDU 35	35 mm²	WDU 35N	35 mm²
Width/Height/Depth mm	16 x 60 x 62.5		16 x 66 x 50.5	
max. current / max. cond. cross-section A/mm²	150 / 50		150 / 50	
Max. clamping range mm²	2.5...50		2.5...50	

Technical data

	WDU 35				WDU 35N			
Rated data								
Rated voltage V	1000			690	500			352
Rated current A	125			115	125			110
for wire cross-section mm²	35			35 mm²	35			35 mm²
Rated impulse withstand voltage / Pollution severity			8 kV / 3				6 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B8 / V-0				B8 / V-0	
Approvals				DEMKO14ATEX1338U				DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	2.5...16 / 2.5...50				2.5...16 / 2.5...50			
Flexible / Flexible with ferrule mm²	2.5...35 / 2.5...35				2.5...35 / 2.5...35			
Tightening torque / Clamping screw Nm	4...5 / (M 6)				4...5 / (M 6)			
Stripping length / Blade size mm/-	18 / 6.5 x 1.2 mm				18 / 6.5 x 1.2 mm			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -								
Flexible / Flexible with ferrule -								
Note								
	IEC 60947-7-1		Ex eb II C Gb	II 2 G D	IEC 60947-7-1		Ex eb II C Gb	II 2 G D
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
	Rated connection		**Further connection**		**Rated connection**		**Further connection**	

Ordering data

Version	Type	Qty.	Order No.
yellow/black	WDU 35 GE/SW	40	2000060000
Note			

Type	Qty.	Order No.
WDU 35N GE/SW	20	2000090000

Accessories

Screwable cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole	WQV 35/2	138 A	50	1053060000	WQV 35N/2	125 A	20	1079200000
3-pole								
4-pole					WQV 35N/4	125 A	20	1079400000
10-pole	WQV 35/10	112 A	10	1053160000				
End plate / Partition plate								
dark beige	WAP 16+35 WTW 2.5-10		20	1050100000	WTW EN		20	1058800000
Blue	WAP 16+35 WTW 2.5-10 BL		20	1050180000				
End bracket								
dark beige, screwable	WEW 35/1		50	1059000000				
dark beige					WEW 35/2		50	1061200000
Cover								
black/yellow	WAD 12 MC B GE/SW		32	2445090000				
white	WAD 12 MC NE WS		32	2445070000				
With lightning flash symbol					WAD 16N GE BED		50	1083600000
Blank, white								
Additional connection								
4mm²								
10 mm²								
Marking tags								
	DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
	WS 12/6.5 MC NE WS		540	1609920000	WS 12/6.5 MC NE WS		540	1609920000
Testing / Checking								
Standard								

For detailed information on other accessories and application in the online catalogue

WDU 50N

50 mm²

18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-7-1

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
1000			690
150			126
50			50 mm²
	8 kV / 3		
	B10 / V-0		
CE			DEMKO14ATEX1338U

Rated connection	Further connection
6...16 / 6...70	
10...50	
3.5...6 / (M 6)	
24 / S4 (DIN 6911)	

Type	Qty.	Order No.
WDU 50N GE/SW	10	**2000080000**

Type		Qty.	Order No.
WQV 50N/2	150 A	5	**1834060000**
WQV 50N/3	150 A	5	**1834070000**
WQV 50N/4	150 A	5	**1834080000**
WEW 35/1		50	**1059000000**
WAD 20 GE WSD		10	**9512260000**
WZAD 50N	41 A	5	**1872720000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/6.5 MC NE WS		540	**1609920000**

	WDU 70N/35	70 mm²	WDU 95N/120N	120 mm²
Width/Height/Depth mm	20.5 x 75 x 85		27 x 91 x 90	
max. current / max. cond. cross-section A/mm²	**232 / 95**		**290 / 150**	
Max. clamping range mm²	**16...95**		**16...150**	

Technical data

	WDU 70N/35				WDU 95N/120N			
Rated data								
IEC 60947-7-1			Ex eb II C Gb	II 2 G D			Ex eb II C Gb	II 2 G D
Rated voltage V	**IEC** 1000	**UL** 600	**CSA**	**EN 60079-7** 690	**IEC** 1000	**UL**	**CSA**	**EN 60079-7** 880
Rated current A	192	150		184	269			221
for wire cross-section mm²	70	AWG 6...0		70 mm²	120			120 mm²
Rated impulse withstand voltage / Pollution severity		8 kV / 3				8 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating		B11 / V-0				B13 / V-0		
Approvals				DEMKO14ATEX1338U				DEMKO14ATEX1338U
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	**Rated connection** 16...16 / 16...95		**Further connection**		**Rated connection** 16...16 / 16...150		**Further connection**	
Flexible / Flexible with ferrule mm²	16...70 / 16...50				16...120			
Tightening torque / Clamping screw Nm	8...12 / (M 8)				12...20 / (M 10)			
Stripping length / Blade size mm/-	22 / S6 (DIN 6911)				27 / S6 (DIN 6911)			
2 conductors with same cross-section (H05V/H07V)								
Solid / Stranded -								
Flexible / Flexible with ferrule -								
Note								

Ordering data

	WDU 70N/35			WDU 95N/120N		
Version	**Type**		**Qty.** / **Order No.**	**Type**		**Qty.** / **Order No.**
yellow/black	WDU 70N/35 GE/SW		10 / **2000100000**	WDU 95N/120N GE/SW		5 / **2000110000**
Note						

Accessories

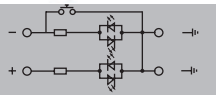
	WDU 70N/35				WDU 95N/120N			
Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
2-pole	WQV 70N/2	192 A	5	**9512240000**	WQV 95N/120N/2	269 A	5	**1826890000**
3-pole	WQV 70N/3	192 A	5	**9512250000**	WQV 95N/120N/3	269 A	5	**1826900000**
4-pole	WQV 70N/4	192 A	5	**9531290000**	WQV 95N/120N/4	269 A	5	**1826910000**
End bracket								
dark beige, screwable	WEW 35/1		50	**1059000000**	WEW 35/1		50	**1059000000**
Cover								
With lightning flash symbol	WAD 20 GE WSD		10	**9512260000**	WAD 20 GE WSD		10	**9512260000**
Additional connection								
10 mm²	WZAD 70N	41 A	5	**1964830000**	WZAD 95N/120N	41 A	5	**1859580000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/6.5 MC NE WS		540	**1609920000**	WS 12/6.5 MC NE WS		540	**1609920000**

For detailed information on other accessories and application in the online catalogue

ZTR 6-2 E

6 mm²

Width/Height/Depth	16.2 x 70 x 50 mm
max. current / max. cond. cross-section	**20 / 10** A/mm²
Max. clamping range	**0.05...10** mm²



Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage	230	300		
Rated current	20	25		
for wire cross-section	6	AWG 22...8		
Rated impulse withstand voltage / Pollution severity			8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A5 / V-0	
Approvals				

Clamped conductors (H05V/H07V)	Rated connection
Solid / Stranded mm²	0.5...10 / 0.5...6
Flexible / Flexible with ferrule mm²	0.5...6 / 0.5...6
Twin wire-end ferrule -	
Stripping length / Blade size mm/-	12 / 0.6 x 3.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige, 230 V UC	ZTR 6-2 E / 230V UC	10	**8817930000**
dark beige, 24 V DC	ZTR 6-2 E / 24V UC	10	**8817920000**

Note

Accessories

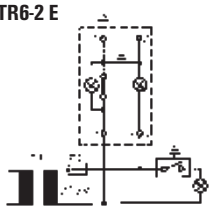
	Type		Qty.	Order No.
End plate / Partition plate				
dark beige	ZAP ZDU6-2		50	**1771440000**
End bracket				
dark beige	ZEW 35		20	**9540000000**
Test adapter				
With spigot	ZTA 7/ZA	9 A	25	**1780670000**
Screwdriver				
Standard	SDIS 0.6X3.5X100		1	**2749810000**

For detailed information on other accessories and application in the online catalogue

Operation mode

Operating mode

ZTR6-2 E

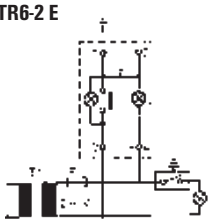


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.

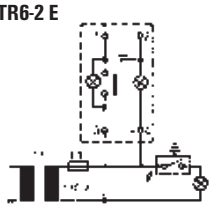
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction

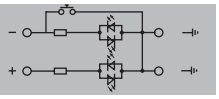
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

WTR 35 E | 35 mm²

Width/Height/Depth	mm	32 x 100 x 67.5
max. current / max. cond. cross-section	A	**125 / 35**
Max. clamping range	mm²	**4...35**



Technical data

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage to adjoining terminal	-			
Rated current	125			
for wire cross-section	35			
Rated impulse withstand voltage / Pollution severity			0.8 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			B9 / V-0	
Approvals	CE EAC			
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²			
Flexible / Flexible with ferrule	mm²			
Tightening torque / Clamping screw	Nm			
Stripping length / Blade size	mm/-			

Rated connection
4...16 / 10...35
4...35 / 4...35
4/ (M 6)
18 / 1.2 x 6.5 mm

Note

Ordering data

Version	Type	Qty.	Order No.
dark beige, 24 V DC	WTR 35 E	5	**1045970000**

Note

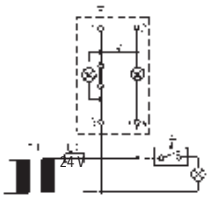
Accessories

End bracket	Type	Qty.	Order No.
dark beige, screwable	WEW 35/1	50	**1059000000**
Screwdriver			
Standard	SDS 1.2X6.5X150	1	**2749390000**
Marking tags			
	WS 12/6 MC NE WS	600	**1609900000**

For detailed information on other accessories and application in the online catalogue

Operation mode

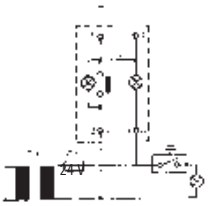
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

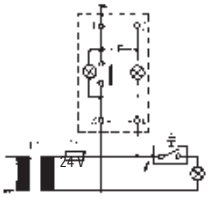
Test position

When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom}, the earth connection must be disconnected.

Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

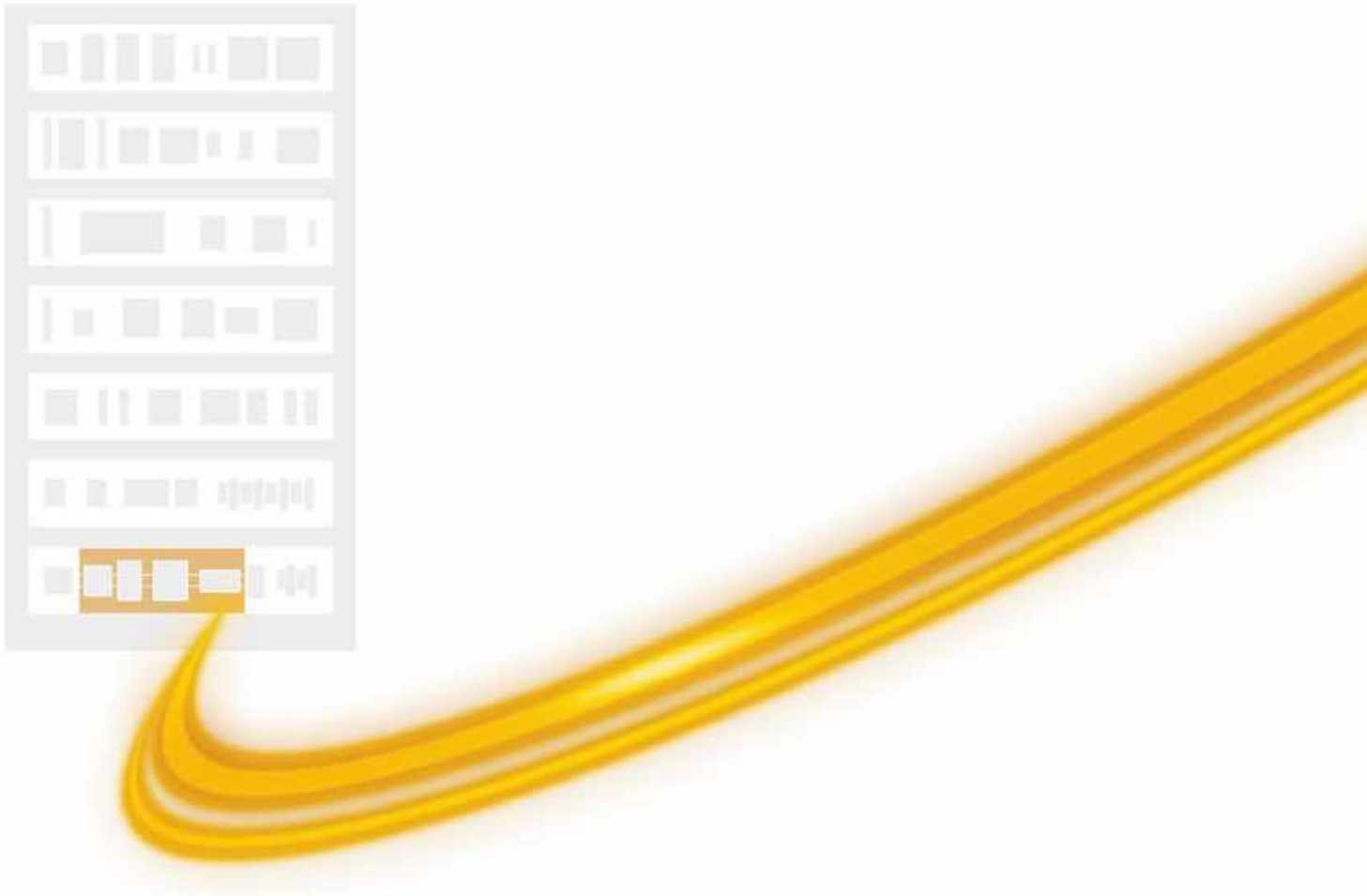
Compact planning, structured wiring

Klippon® Connect makes your installation wiring more effective

Installation wiring poses particular challenges in terms of the design of terminal blocks. The solutions need to be both economical and compact. Simple handling and clarity also need to be guaranteed. Installation distribution and small distributors offer little space for wiring. Our terminal blocks for building installations meet all requirements here. For example, the PUSH IN technology allows a particularly compact design while retaining its clarity, thus enabling simple and safe wiring of your building infrastructure.

Our promise

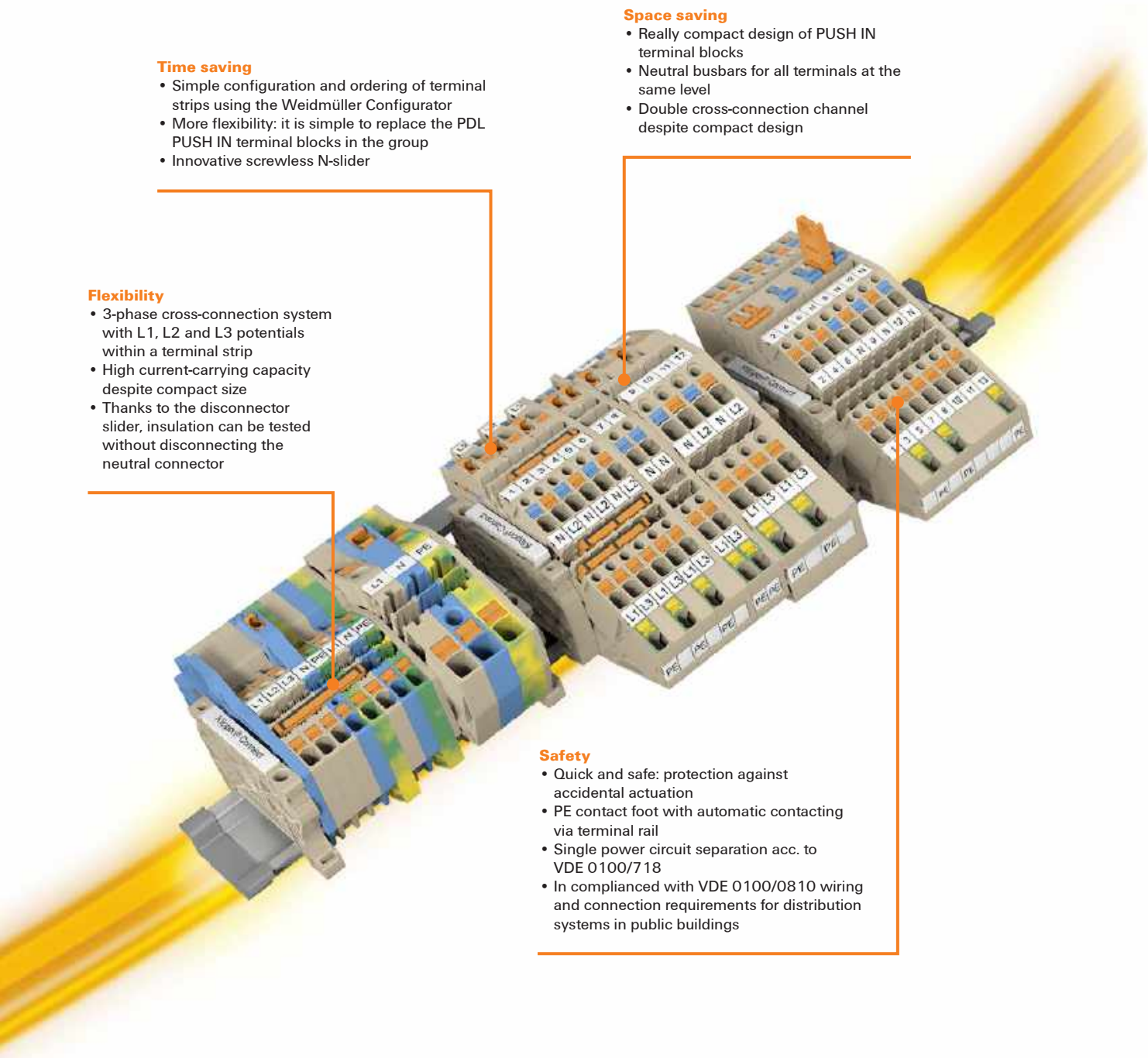
Our terminal blocks open up added-value options when it comes to wiring your building infrastructure. Thanks to the wide product range and the comfortable handling of the PUSH IN terminal blocks, Klippon® Connect helps improve flexibility and efficiency even from the planning phase.



Time saving
- Simple configuration and ordering of terminal strips using the Weidmüller Configurator
- More flexibility: it is simple to replace the PDL PUSH IN terminal blocks in the group
- Innovative screwless N-slider

Space saving
- Really compact design of PUSH IN terminal blocks
- Neutral busbars for all terminals at the same level
- Double cross-connection channel despite compact design

Flexibility
- 3-phase cross-connection system with L1, L2 and L3 potentials within a terminal strip
- High current-carrying capacity despite compact size
- Thanks to the disconnector slider, insulation can be tested without disconnecting the neutral connector



Safety
- Quick and safe: protection against accidental actuation
- PE contact foot with automatic contacting via terminal rail
- Single power circuit separation acc. to VDE 0100/718
- In complianced with VDE 0100/0810 wiring and connection requirements for distribution systems in public buildings

Our range

The right solution for every requirement:
For building installation, we offer a perfectly tailored overall system based on 10×3 copper rails. These consist of installation, distribution and neutral conductor terminals in various connection technologies and an extensive range of accessories.

More effective wiring with PUSH IN:
Our PUSH IN terminal blocks for building and plant installation are impressively easy to handle and very flexible. This comprehensive range covers all the important terminal block functions and offers you significant benefits in all processes. You will benefit from reduced installation times, as well as increased performance data and clarity, thanks to the compact design.

Klippon® Connect AITB building installation wiring terminal blocks

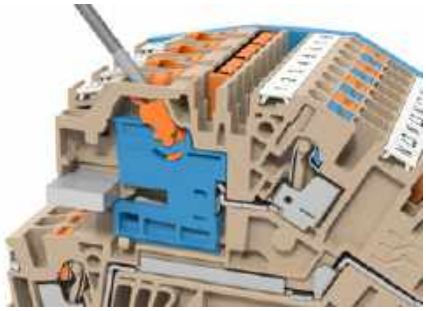
Get real added value for your building installations

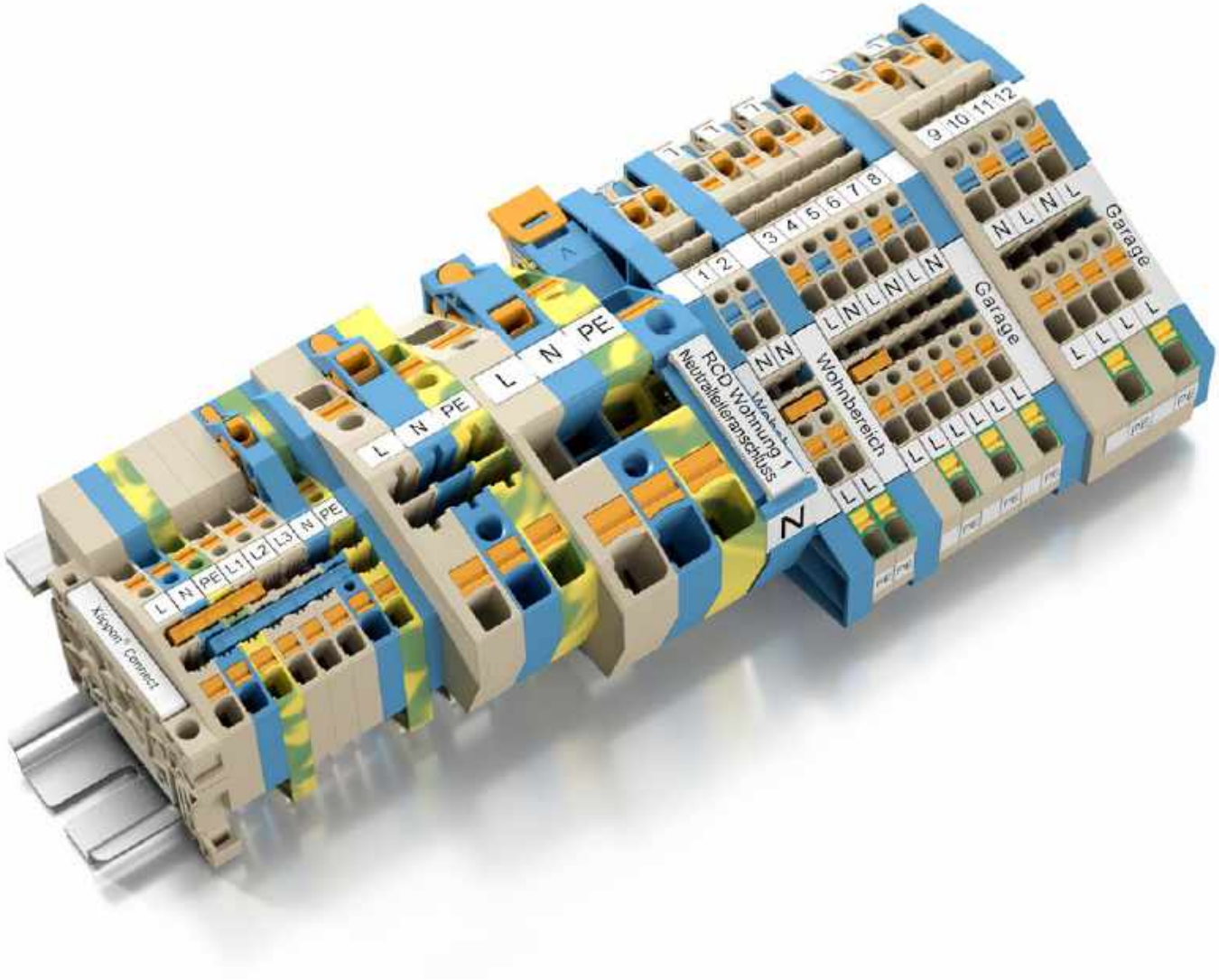
A large number of standards and regulations govern the building industry. As a result, high safety standards must be met for electrical installations. These standards also apply to a wide range of components that have to be integrated into complex control cabinets in a confined space.

Our new AITB modular terminal block system was specially developed to meet the specific requirements and safety regulations for wiring in building installations. Special features of the series ensure real added value in planning, installation and operation on site.

Combination of different connection techniques
A uniform busbar position enables the combination of different terminal block products and connection technologies in one complete system. For large cross-sections – e.g. N conductors – the side screw terminal connection is available. Terminal blocks with convenient PUSH IN connection technology are used to collect and distribute potentials.

Safe disconnection of the neutral conductor
The neutral conductor can be separated from the busbar quickly and easily with a screwdriver. A clearly visible status display indicates the current contact position of the disconnecting slide. This reliably prevents operating errors.





Digital assembly in the WMC
In the Weidmüller Configurator (WMC) you can digitally plan, assemble, and directly order complete terminal rails – including accessories. You can also create complete parts lists and installation instructions for production. In this way, failures can be avoided and costs can be saved.

Flexible cross-connection options
The continuous cross-connection channels of our modular terminal blocks AITB increase flexibility and save wiring time. Structures in the 400 V three-phase system can be cross-connected easily and conveniently with the phase conductors L1, L2, and L3.

Plan, install, and operate optimally

Planning – with perfect support

Digital assembly in the WMC
In the Weidmüller Configurator (WMC) you can digitally plan, assemble, and directly order complete terminal rails – including accessories. You can also create complete parts lists and installation instructions for production. In this way, failures can be avoided and costs can be saved.

Wide range of functions
Modular terminal blocks AITB have a multifunctional disconnect area. It can accommodate either a fuse holder, a disconnector, or a component plug. Thus, the terminal block can be used within an application as a disconnect terminal block, a fuse terminal block, or as a terminal block with electronic components inside.

Flexible cross-connection options
The continuous cross-connection channels of our modular terminal blocks AITB increase flexibility and save wiring time. Structures in the 400 V three-phase system can be cross-connected easily and conveniently with the phase conductors L1, L2, and L3.

Standard-compliant safety
Our modular terminal blocks AITB are regularly inspected by independent test centres to ensure maximum product safety within the switchgear. This is immediately shown by the corresponding test marks on the products and product labels.

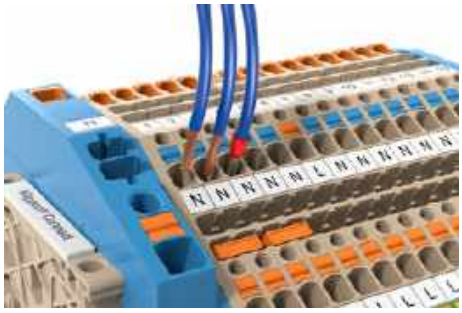
VDE

Plan, install, and operate optimally

Installation – simple, fast, and safe

Ready to robot
Our modular terminal blocks AITB already support robot-assisted assembly, marking, and wiring. So you are optimally prepared for the advancing partial automation in control cabinet construction.

Convenient PUSH IN technology
NYM cables and other solid conductors are simply pushed into the clamping point after stripping to create a reliable connection. Even fine-stranded conductors can be connected by simply pressing the coloured pusher. No special tools required!



Combination of different connection techniques
A uniform busbar position enables the combination of different terminal block products and connection technologies in one complete system. For large cross-sections – e.g. N conductors – the side screw terminal connection is available. Terminal blocks with convenient PUSH IN connection technology are used to collect and distribute potentials.

Clearly distinguishable functional areas
The different functional areas can be clearly distinguished by shape or colour. For example, conductor connection, cross-connections, and test hole can be clearly identified. Installation and maintenance work can be carried out quickly and without errors.

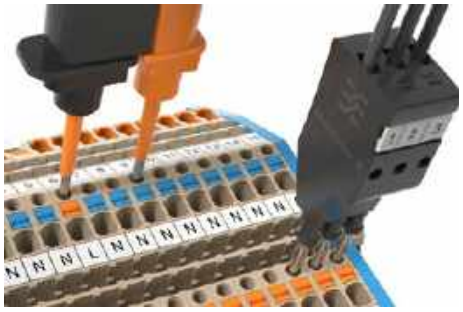
Plan, install, and operate optimally
Operation – norm-compliant and safe

FI/LS circuits
If many FI/LS circuits are used in an installation, each N potential can be routed and separated via the individual isolator. This enables measuring the insulation resistance of all conductors to earth, as required by VDE 0100-718 and DIN VDE 0100-482, without disconnecting the neutral conductor.

Safe disconnection of the neutral conductor
The neutral conductor can be separated from the busbar quickly and easily with a screwdriver. A clearly visible status display indicates the current contact position of the disconnecting slide. This reliably prevents operating errors.

Quick assembly and disassembly
AITB modular terminals can be mounted and dismantled quickly and easily – even in combination. This also applies if a busbar with modular terminal blocks AITB of the A-Series is already integrated into the system. This speeds up maintenance work and components can be retrofitted or replaced in a minimum of time.

Simple standardised system tests
With modular terminal blocks AITB, no conductive components can be reached with voltage testers when wired. This makes operation safer, but also hinders the use of test probes. In order to carry out the required measurements, standardised test holes with a practical snap-in mechanism have been integrated. Once the test probes are snapped in, the test report can be filled out while the measurement is in progress.



Easily meet growing safety standards

Standardised measurements in electrical switchgear

High safety requirements and standards in building technology protect the people who live and work in a building. For this purpose, there are numerous standards covering every component in the entire system, no matter how small. These norms and standards also increase the safety requirements for all electrical systems and their components – for example, the terminal block system that acts as the interface between the electrical system and the building.

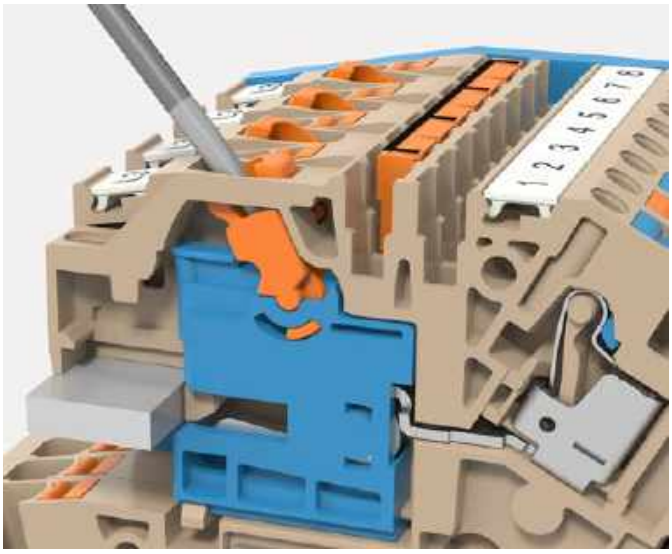
Measurement of insulation resistance

When planning and installing control cabinets in buildings, the opening and closing of circuits is one of the normative requirements. Depending on the number of circuit groups within an object, the separation can be carried out via a standard disconnector or a disconnecting slide. The required measurement of the insulation resistance of all conductors to earth must be carried out without disconnecting the neutral conductor in accordance with VDE 0100-718 and DIN VDE 0100-482. In smaller circuits with few current paths, the measurement is carried out using standard disconnectors. In larger circuits with many individual current paths, a disconnecting slide is used to ensure contact with the 10x3 busbar. The measurement itself could be realize conveniently and safely via the integrated test adapter at the respective terminal point of the terminal block.

Measurements in small circuit groups

VDE 0100-718 and DIN VDE 0100-482 require a measurement of the insulation resistance of all conductors to earth without disconnecting the neutral conductor. In buildings with many FI/LS circuits, each room or current path may represent a single circuit that must be considered separately during the measurement. With the AITB terminal blocks, each N potential can be routed separately via individual isolators and separated for insulation measurements. The measurement itself could be realize conveniently and safely via the integrated test adapter at the respective terminal point of the terminal block.

Measurements in large circuit groups



In large circuit groups, the safe contact to the copper bar is established via a disconnecting slide. This closes a circuit that extends over the isolating slider to the copper bar. If the slider is levered to the end position, it opens the contact to the copper bar. Thus, the circuit is interrupted and measurements can be carried out conveniently and safely via the integrated test adapter at the respective terminal point of the terminal block. The clearly visible position indicator provides quick and reliable information about the current status of the system. It can also be read in the wired state.

	AITB 2.5 BB 2C	2.5 mm²	AITB 6 BB 2C	6 mm²
Width/Height/Depth mm	5.1 x 63.8 x 43.6		8.1 x 76.6 x 52.9	
Rated current / max. cond. cross-section A/mm²	**24 / 4**		**41 / 10**	
Max. clamping range mm²	**0.14...4**		**0.34...10**	

Technical data

	AITB 2.5 BB 2C	AITB 6 BB 2C
Rated data		
Rated voltage V	IEC 60947-7-1	IEC 60947-7-1
Rated current A	800	800
for wire cross-section mm²	24	41
Rated impulse withstand voltage / Pollution severity	2.5	6
Gauge to IEC 60947-1 / UL 94 flammability rating	8 kV / 3	8 kV / 3
Approvals	A3 / V-0	A5 / V-0
	CE	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...10 / 0.5...6
Twin wire-end ferrule mm²	0.5...0.75	0.5...1.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	12 / 1.0 x 5.5 mm
Note		

IEC	UL	CSA	EN 60079-7
AITB 2.5 BB 2C			
AITB 6 BB 2C			

Ordering data

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 BB 2C	50	**2668660000**
Blue	AITB 2.5 BB 2C BL	50	**2668670000**
Note			

Version	Type	Qty.	Order No.
dark beige	AITB 6 BB 2C	50	**2668700000**
Blue	AITB 6 BB 2C BL	50	**2668710000**
Note			

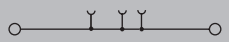
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	**1527540000**
3-pole	ZQV 2.5N/3	24 A	60	**1527570000**
4-pole	ZQV 2.5N/4	24 A	60	**1527590000**
10-pole	ZQV 2.5N/10	24 A	20	**1527690000**
2-pole				
2-pole				
End plate				
dark beige	AEP ITB 2.5 BB 2C		20	**2668780000**
blue	AEP ITB 2.5 BB 2C BL		20	**2668790000**
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB 2C/NDT BL		20	**2668870000**
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**
blue	AEB ITB 2.5/4 BB BL		25	**2690440000**
blue	AEB ITB 16 BB BL		20	**2669130000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	**2749140000**
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	DEK 5/5 MM WS		800	**2007110000**
For detailed information on other accessories and application in the online catalogue				

Type		Qty.	Order No.
ZQV 6N/2	41 A	60	**1985740000**
AEP ITB 6 BB 2C		20	**2668810000**
AEP ITB 6 BB 2C BL		20	**2668820000**
APP ITB 6 BB 2C/NDT BL		20	**2668880000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 6 MI-R	0.2 A	50	**1991930000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/8 MC NE WS		800	**1856740000**

AITB 16 BB 2C — 16 mm²

10 x 84.6 x 52.9
76 / 16
0.5...16



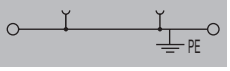
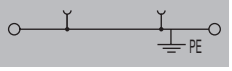
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
76			
16			
	8 kV / 3		
	A6 / V-0		

Rated connection
0.5...16 / 10...16
0.5...16 / 0.5...10
0.75...6
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB 2C	20	**2668740000**
AITB 16 BB 2C BL	20	**2668750000**

Type		Qty.	Order No.
ZQV 10N/2	57 A	25	**2497250000**
AEP ITB 16 BB 2C		20	**2668840000**
AEP ITB 16 BB 2C BL		20	**2668850000**
APP ITB 16 BB 2C/NDT BL		20	**2668890000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
WS-A 8/10 MM WS		350	**2619890000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

	AITB 2.5 BB 2C PE	2.5 mm²	AITB 6 BB 2C PE	6 mm²
Width/Height/Depth mm	5.1 x 63.8 x 43.6		8.1 x 76.6 x 52.9	
Rated current / max. cond. cross-section -/mm²	/ 4		/ 10	
Max. clamping range mm²	0.14...4		0.34...10	

Technical data

	AITB 2.5 BB 2C PE	AITB 6 BB 2C PE
Rated data		
Rated voltage to adjoining terminal V		
Rated current -		
for wire cross-section mm²		
Rated impulse withstand voltage / Pollution severity		
Gauge to IEC 60947-1 / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded mm²		
Flexible / Flexible with ferrule mm²		
Twin wire-end ferrule mm²		
Stripping length / Blade size mm/-		
Note		

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
2.5			
		8 kV / 3	
		A3 / V-0	
CE			

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
6			
		8 kV / 3	
		A5 / V-0	
CE			

Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...6
0.5...1.5
12 / 1.0 x 5.5 mm

Ordering data

Version	Type	Qty.	Order No.
green/yellow	AITB 2.5 BB 2C PE	50	2668680000
Note			

Type	Qty.	Order No.
AITB 6 BB 2C PE	50	2668720000

Accessories

End plate	Type		Qty.	Order No.
dark beige	AEP ITB 2.5 BB 2C		20	2668780000
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB 2C/NDT BL		20	2668870000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000

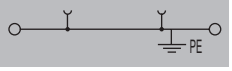
Type		Qty.	Order No.
AEP ITB 6 BB 2C		20	2668810000
APP ITB 6 BB 2C/NDT BL		20	2668880000
AEB 35 SCL/1 V0		20	2661280000
AEB ITB 2.5/4 BB BL		25	2690440000
AEB ITB 16 BB BL		20	2669130000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MI-R	0.2 A	50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/8 MC NE WS		800	1856740000

For detailed information on other accessories and application in the online catalogue

AITB 16 BB 2C PE

16 mm²

10 x 84.6 x 52.9
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
16			
	8 kV / 3		
	A6 / V-0		

Rated connection
0.5...16 / 10...16
0.5...16 / 0.5...10
0.75...6
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB 2C PE	20	**2668760000**

Type		Qty.	Order No.
AEP ITB 16 BB 2C		20	**2668840000**
APP ITB 16 BB 2C/NDT BL		20	**2668890000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
WS-A 8/10 MM WS		350	**2619890000**
WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

	AITB 2.5 BB NDT BL	2.5 mm²	AITB 6 BB NDT BL	6 mm²
Width/Height/Depth mm	5.1 x 63.8 x 50		8.1 x 76.6 x 52.9	
Rated current / max. cond. cross-section A/mm²	**24 / 4**		**41 / 10**	
Max. clamping range mm²	**0.14...4**		**0.34...10**	

Technical data

	AITB 2.5 BB NDT BL	AITB 6 BB NDT BL
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
Rated voltage V	IEC: 250	IEC: 800
Rated current A	UL: 24	UL: 41
for wire cross-section mm²	CSA: 2.5	CSA: 6
Rated impulse withstand voltage / Pollution severity	EN 60079-7: 4 kV / 3	EN 60079-7: 4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		EN 60079-7: A5 / V-0
Approvals	CE	CE
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	0.5...4 / 0.5...4	0.5...10 / 0.5...10
Flexible / Flexible with ferrule mm²	0.5...4 / 0.5...2.5	0.5...10 / 0.5...6
Twin wire-end ferrule mm²	0.5...0.75	0.5...1.5
Stripping length / Blade size mm/-	10 / 0.6 x 3.5 mm	12 / 1.0 x 5.5 mm
Note		

Ordering data

Version	Type	Qty.	Order No.
Blue	AITB 2.5 BB NDT BL	50	**2668690000**
Note			

Type	Qty.	Order No.
AITB 6 BB NDT BL	50	**2668730000**

Accessories

Plug-in cross-connection	Type		Qty.	Order No.	Type		Qty.	Order No.
2-pole / blue	ZQV 2.5N/2 BL	24 A	60	**1527740000**	ZQV 6N/2 BL	41 A	60	**1985830000**
3-pole / blue	ZQV 2.5N/3 BL	24 A	60	**1527770000**				
4-pole / blue	ZQV 2.5N/4 BL	24 A	60	**1527780000**				
10-pole/ blue	ZQV 2.5N/10 BL	24 A	20	**1527880000**				
2-pole								
End plate								
blue	AEP ITB 2.5 BB NDT BL		20	**2668800000**	AEP ITB 6 BB NDT BL		20	**2668830000**
Support bracket for 10 x 3 (required every 20 cm)								
blue	APP ITB 2.5 BB 2C/NDT BL		20	**2668870000**	APP ITB 6 BB 2C/NDT BL		20	**2668880000**
End bracket								
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
blue	AEB ITB 2.5/4 BB BL		25	**2690440000**	AEB ITB 2.5/4 BB BL		25	**2690440000**
blue	AEB ITB 16 BB BL		20	**2669130000**	AEB ITB 16 BB BL		20	**2669130000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 2.5 MI-R	0.2 A	50	**1991960000**	ATPG 6 MI-R	0.2 A	50	**1991930000**
3-pole	ATPG 2.5/3	0.2 A	25	**2041190000**				
5-pole	ATPG 2.5/5	0.2 A	25	**2041180000**				
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 1,0X5,5X125		1	**2749160000**
Busbar 10 x 3 (140 A)								
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/8 MC NE WS		800	**1856740000**
	DEK 5/5 MM WS		800	**2007110000**				

For detailed information on other accessories and application in the online catalogue

AITB 16 BB NDT BL

16 mm²

10 x 84.6 x 52.9
76 / 16
0.5...16

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
76			
16			
	4 kV / 3		
	A6 / V-0		

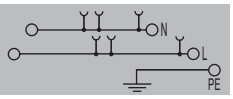
Rated connection
0.5...16 / 10...16
0.5...16 / 0.5...10
0.75...6
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AITB 16 BB NDT BL	20	**2668770000**

Type		Qty.	Order No.
ZQV 10N/2	57 A	25	**2497250000**
AEP ITB 16 BB NDT BL		20	**2668860000**
APP ITB 16 BB 2C/NDT BL		20	**2668890000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
PS 2.0 MC		20	**0310000000**
SDIL 1,0X5,5X125		1	**2749160000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
WS-A 8/10 MM WS		350	**2619890000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
WS 7.8/9.2 PLUS MC NE GR		360	**1208970000**

	AITB 2.5 BB L	2.5 mm²	AITB 2.5 BB N-L-PE	2.5 mm²

Width/Height/Depth	mm	5.1 x 103 x 50.1	5.1 x 103 x 50.1
Rated current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.14...4	0.14...4



Technical data

IEC 60947-7-1

IEC 60947-7-1 (-7-2)

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	400			
max. current (A)	27			
for wire cross-section (mm²)	2.5			
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Twin wire-end ferrule (mm²)	0.5...0.75			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			
Rated voltage				
Rated voltage (L / L) (V)	400			
Rated voltage (L / N) (V)	250			
Rated voltage (L / PE) (V)	250			
Note				

Rated data	IEC	UL	CSA	EN 60079-7
Rated voltage (V)	250			
max. current (A)	27			
for wire cross-section (mm²)	2.5			
Rated impulse withstand voltage / Pollution severity			4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0	
Approvals	CE			
Clamped conductors (H05V/H07V)				
Solid / Stranded (mm²)	0.5...4 / 0.5...4			
Flexible / Flexible with ferrule (mm²)	0.5...4 / 0.5...2.5			
Twin wire-end ferrule (mm²)	0.5...0.75			
Stripping length / Blade size (mm/-)	10 / 0.6 x 3.5 mm			
Rated voltage				
Rated voltage (L / L) (V)	400			
Rated voltage (L / N) (V)	250			
Rated voltage (L / PE) (V)	250			
Note				

Ordering data

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 BB L	50	2668920000
Note			

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 BB N-L-PE	50	2668940000
Note			

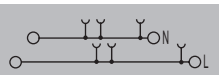
Accessories

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5 BB		20	2668960000
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB BL		20	2668970000
blue, incl. metal holder for the busbar	APP ITB 2.5 BB BL VI			2881640000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
For detailed information on other accessories and application in the online catalogue				

Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5 BB		20	2668960000
Support bracket for 10 x 3 (required every 20 cm)				
blue	APP ITB 2.5 BB BL		20	2668970000
blue, incl. metal holder for the busbar	APP ITB 2.5 BB BL VI			2881640000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000
Test plug				
	PS 2.0 MC		20	0310000000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
For detailed information on other accessories and application in the online catalogue				

AITB 2.5 BB N-L — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

CE

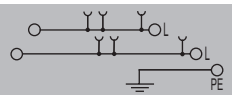
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

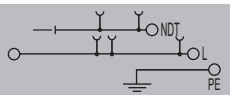
Type	Qty.	Order No.
AITB 2.5 BB N-L	50	**2668910000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5 BB		20	**2668960000**
APP ITB 2.5 BB BL		20	**2668970000**
APP ITB 2.5 BB BL VI			**2881640000**
AEB 35 SCL/1 VO		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

	AITB 2.5 BB L-L-PE	2.5 mm²	AITB 2.5 BB NDT-L-PE	2.5 mm²

Width/Height/Depth	mm	5.1 x 103 x 50.1	5.1 x 103 x 50.1
Rated current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.14...4	0.14...4





Technical data

Rated data		IEC 60947-7-1 (-7-2)	In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-2
Rated voltage	V	250	250
max. current	A	27	27
for wire cross-section	mm²	2.5	2.5
Rated impulse withstand voltage / Pollution severity		4 kV / 3	4 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating		A3 / V-0	A3 / V-0
Approvals		CE	CE
Clamped conductors (H05V/H07V)		**Rated connection**	**Rated connection**
Solid / Stranded	mm²	0.5...4 / 0.5...4	0.5...4 / 0.5...4
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5	0.5...4 / 0.5...2.5
Twin wire-end ferrule	mm²	0.5...0.75	0.5...0.75
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm
Rated voltage			
Rated voltage (L / L)	V	400	400
Rated voltage (L / N)	V	250	250
Rated voltage (L / PE)	V	250	250
Note			

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige	AITB 2.5 BB L-L-PE	50	2668930000	AITB 2.5 BB NDT-L-PE	50	2668950000
Note						

Accessories

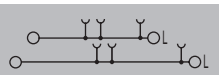
	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 2.5N/2	24 A	60	1527540000	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000	ZQV 2.5N/10	24 A	20	1527690000
End plate								
dark beige	AEP ITB 2.5 BB		20	2668960000	AEP ITB 2.5 BB		20	2668960000
Support bracket for 10 x 3 (required every 20 cm)								
blue	APP ITB 2.5 BB BL		20	2668970000	APP ITB 2.5 BB BL		20	2668970000
blue, incl. metal holder for the busbar	APP ITB 2.5 BB BL VI			2881640000	APP ITB 2.5 BB BL VI			2881640000
End bracket								
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000	AEB ITB 16 BB BL		20	2669130000
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000	ATPG 2.5 MI-R	0.2 A	50	1991960000
3-pole	ATPG 2.5/3	0.2 A	25	2041190000	ATPG 2.5/3	0.2 A	25	2041190000
5-pole	ATPG 2.5/5	0.2 A	25	2041180000	ATPG 2.5/5	0.2 A	25	2041180000
Test plug								
	PS 2.0 MC		20	0310000000	PS 2.0 MC		20	0310000000
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	2749140000	SDIL 0,6X3,5X100		1	2749140000
Busbar 10 x 3 (140 A)								
	SSCH 10X3X1000 CU/SN	140 A	1	0348900000	SSCH 10X3X1000 CU/SN	140 A	1	0348900000
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	1854490000	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000	DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue

AITB 2.5 BB L-L

2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

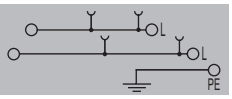
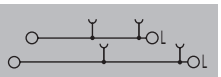
IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

CE

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type	Qty.	Order No.
AITB 2.5 BB L-L	50	**2668900000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5 BB		20	**2668960000**
APP ITB 2.5 BB BL		20	**2668970000**
APP ITB 2.5 BB BL VI			**2881640000**
AEB 35 SCL/1 VO		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
ATPG 2.5/3	0.2 A	25	**2041190000**
ATPG 2.5/5	0.2 A	25	**2041180000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

	AITB 4 BB L-L-PE	4 mm²	AITB 4 BB L-L	4 mm²
Width/Height/Depth mm	6.1 x 110.2 x 53.2		6.1 x 110.2 x 53.2	
Rated current / max. cond. cross-section A/mm²	**30 / 6**		**30 / 6**	
Max. clamping range mm²	**0.14...6**		**0.14...6**	

Technical data

Rated data		IEC 60947-7-1 (-7-2)				IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	250				400			
max. current	A	36				36			
for wire cross-section	mm²	4				4			
Rated impulse withstand voltage / Pollution severity				4 kV / 3				4 kV / 3	
Gauge to IEC 60947-1 / UL 94 flammability rating				A4 / V-0				A4 / V-0	
Approvals									
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 0.5...6				0.5...6 / 0.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6 / 0.5...4				0.5...6 / 0.5...4			
Twin wire-end ferrule	mm²	0.5...1.5				0.5...1.5			
Stripping length / Blade size	mm/-	12 / 0.6 x 3.5 mm				12 / 0.6 x 3.5 mm			
Rated voltage									
Rated voltage (L / L)	V	400				400			
Rated voltage (L / N)	V	250				250			
Rated voltage (L / PE)	V	250				250			
Note									

Ordering data

Version	Type	Qty.	Order No.	Type	Qty.	Order No.
	AITB 4 BB L-L-PE	25	**2669080000**	AITB 4 BB L-L	25	**2669070000**
Note						

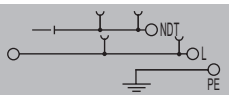
Accessories

	Type		Qty.	Order No.	Type		Qty.	Order No.
Plug-in cross-connection								
2-pole	ZQV 4N/2	32 A	60	**1527930000**	ZQV 4N/2	32 A	60	**1527930000**
3-pole	ZQV 4N/3	32 A	60	**1527940000**	ZQV 4N/3	32 A	60	**1527940000**
4-pole	ZQV 4N/4	32 A	60	**1527970000**	ZQV 4N/4	32 A	60	**1527970000**
10-pole	ZQV 4N/10	32 A	20	**1528090000**	ZQV 4N/10	32 A	20	**1528090000**
End plate								
dark beige	AEP ITB 4 BB		20	**2669110000**	AEP ITB 4 BB		20	**2669110000**
Support bracket for 10 x 3 (required every 20 cm)								
blue	APP ITB 4 BB BL		20	**2669120000**	APP ITB 4 BB BL		20	**2669120000**
blue, incl. metal holder for the busbar	APP ITB 4 BB BL VI			**2881650000**	APP ITB 4 BB BL VI			**2881650000**
End bracket								
dark beige, direct mounting	AEB 35 SCL/1 V0		20	**2661280000**	AEB 35 SCL/1 V0		20	**2661280000**
blue	AEB ITB 2.5/4 BB BL		25	**2690440000**	AEB ITB 2.5/4 BB BL		25	**2690440000**
blue	AEB ITB 16 BB BL		20	**2669130000**	AEB ITB 16 BB BL		20	**2669130000**
Test adapter								
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 4 MI-R	0.2 A	50	**1991860000**	ATPG 4 MI-R	0.2 A	50	**1991860000**
Test plug								
	PS 2.0 MC		20	**0310000000**	PS 2.0 MC		20	**0310000000**
Screwdriver								
Standard	SDIL 0,6X3,5X100		1	**2749140000**	SDIL 0,6X3,5X100		1	**2749140000**
Busbar 10 x 3 (140 A)								
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Marking tags								
	DEK 5/5 PLUS MC NE WS		1000	**1854490000**	DEK 5/5 PLUS MC NE WS		1000	**1854490000**
	WS 8/6 PLUS MC NE WS		600	**1951880000**	WS 8/6 PLUS MC NE WS		600	**1951880000**
	DEK 5/6 MM WS		600	**2007120000**	DEK 5/6 MM WS		600	**2007120000**

For detailed information on other accessories and application in the online catalogue

AITB 4 BB NDT-L-PE — 4 mm²

6.1 x 110.2 x 53.2
30 / 6
0.14...6



In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250			
36			
4			
	4 kV / 3		
	A4 / V-0		

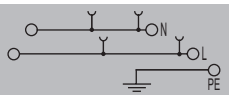
Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 4 BB NDT-L-PE		25	**2669100000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/3	32 A	60	**1527940000**
ZQV 4N/4	32 A	60	**1527970000**
ZQV 4N/10	32 A	20	**1528090000**
AEP ITB 4 BB		20	**2669110000**
APP ITB 4 BB BL		20	**2669120000**
APP ITB 4 BB BL VI			**2881650000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
DEK 5/6 MM WS		600	**2007120000**

AITB 4 BB N-L-PE — 4 mm²

6.1 x 110.2 x 53.2
30 / 6
0.14...6



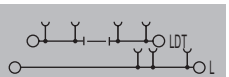
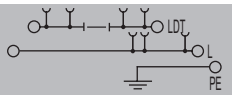
IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
36			
4			
	4 kV / 3		
	A4 / V-0		

Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 4 BB N-L-PE		25	**2669090000**

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	**1527930000**
ZQV 4N/3	32 A	60	**1527940000**
ZQV 4N/4	32 A	60	**1527970000**
ZQV 4N/10	32 A	20	**1528090000**
AEP ITB 4 BB		20	**2669110000**
APP ITB 4 BB BL		20	**2669120000**
APP ITB 4 BB BL VI			**2881650000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 4 MI-R	0.2 A	50	**1991860000**
PS 2.0 MC		20	**0310000000**
SDIL 0,6X3,5X100		1	**2749140000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
WS 8/6 PLUS MC NE WS		600	**1951880000**
DEK 5/6 MM WS		600	**2007120000**

	AITB 2.5 LDT-L	2.5 mm²	AITB 2.5 LDT-L-PE	2.5 mm²
Width/Height/Depth mm	5.1 x 103 x 50.1		5.1 x 103 x 50.1	
Rated current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

Rated data						
Rated voltage	V	IEC 60947-7-1				
Rated current	A	IEC	UL	CSA	EN 60079-7	
for wire cross-section	mm²	400	300	300		
Rated impulse withstand voltage / Pollution severity		24	20	20		
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 26...12	AWG 26...12		
Approvals		4 kV / 3				
		A3 / V-0				
		CE EAC cULus				
Clamped conductors (H05V/H07V)		**Rated connection**				
Solid / Stranded	mm²	0.5...4 / 0.5...4				
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...2.5				
Twin wire-end ferrule	mm²	0.5...0.75				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm				
Rated voltage						
Rated voltage (L / L)	V	400				
Rated voltage (L / N)	V	250				
Rated voltage (L / PE)	V	250				
Note						

		IEC 60947-7-1 (-7-2)				
		IEC	UL	CSA	EN 60079-7	
		250	300	300		
		24	20	20		
		2.5	AWG 26...12	AWG 26...12		
		4 kV / 3				
		A3 / V-0				
		CE EAC cULus				
		Rated connection				
		0.5...4 / 0.5...4				
		0.5...4 / 0.5...2.5				
		0.5...0.75				
		10 / 0.6 x 3.5 mm				
		400				
		250				
		250				

Ordering data

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 LDT-L	50	2668980000
Note			

Type	Qty.	Order No.
AITB 2.5 LDT-L-PE	50	2669040000

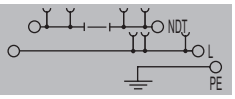
Accessories

	Type		Qty.	Order No.
Plug-in cross-connection				
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5		20	2669060000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
For detailed information on other accessories and application in the online catalogue				

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/3	24 A	60	1527570000
ZQV 2.5N/4	24 A	60	1527590000
ZQV 2.5N/10	24 A	20	1527690000
AEP ITB 2.5		20	2669060000
AEB 35 SCL/1 V0		20	2661280000
AEB ITB 2.5/4 BB BL		25	2690440000
AEB ITB 16 BB BL		20	2669130000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
SDIL 0,6X3,5X100		1	2749140000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST OR	20 A	50	2463540000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000

AITB 2.5 NDT-L-PE — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

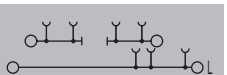
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 2.5 NDT-L-PE		50	**2669030000**

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

AITB 2.5 LDT-L W/O DTLV — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

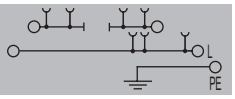
Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 2.5 LDT-L W/O DTLV		50	**2668990000**
without separator			

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

AITB 2.5 LDT-L-PE W/O DTLV — 2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



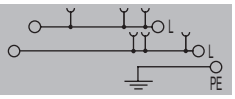
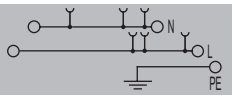
IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type		Qty.	Order No.
AITB 2.5 LDT-L-PE W/O DTLV		50	**2669050000**
without separator			

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

	AITB 2.5 L-L-PE	2.5 mm²	AITB 2.5 N-L-PE	2.5 mm²
Width/Height/Depth mm	5.1 x 103 x 50.1		5.1 x 103 x 50.1	
Rated current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.14...4		0.14...4	

Technical data

Rated data					
Rated voltage	V	IEC 60947-7-1 (-7-2)			
Rated current	A	**IEC**	**UL**	**CSA**	**EN 60079-7**
for wire cross-section	mm²	250	300	300	
Rated impulse withstand voltage / Pollution severity		24	20	20	
Gauge to IEC 60947-1 / UL 94 flammability rating		2.5	AWG 26...12	AWG 26...12	
Approvals			4 kV / 3		
Clamped conductors (H05V/H07V)			A3 / V-0		
Solid / Stranded	mm²	CE GL cULus EAC			
Flexible / Flexible with ferrule	mm²	**Rated connection**			
Twin wire-end ferrule	mm²	0.5...4 / 0.5...4			
Stripping length / Blade size	mm/-	0.5...4 / 0.5...2.5			
Rated voltage		0.5...0.75			
Rated voltage (L / L)	V	10 / 0.6 x 3.5 mm			
Rated voltage (L / N)	V				
Rated voltage (L / PE)	V	400			
		250			
Note		250			

		IEC 60947-7-1 (-7-2)			
		IEC	**UL**	**CSA**	**EN 60079-7**
		250	300	300	
		24	20	20	
		2.5	AWG 26...12	AWG 26...12	
			4 kV / 3		
			A3 / V-0		
		CE GL cULus EAC			
		Rated connection			
		0.5...4 / 0.5...4			
		0.5...4 / 0.5...2.5			
		0.5...0.75			
		10 / 0.6 x 3.5 mm			
		400			
		250			
		250			

Ordering data

Version	Type	Qty.	Order No.
dark beige	AITB 2.5 L-L-PE	50	2669010000
Note			

Type	Qty.	Order No.
AITB 2.5 N-L-PE	50	2669020000

Accessories

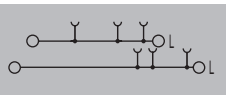
Plug-in cross-connection	Type		Qty.	Order No.
2-pole	ZQV 2.5N/2	24 A	60	1527540000
3-pole	ZQV 2.5N/3	24 A	60	1527570000
4-pole	ZQV 2.5N/4	24 A	60	1527590000
10-pole	ZQV 2.5N/10	24 A	20	1527690000
End plate				
dark beige	AEP ITB 2.5		20	2669060000
End bracket				
dark beige, direct mounting	AEB 35 SCL/1 V0		20	2661280000
blue	AEB ITB 2.5/4 BB BL		25	2690440000
blue	AEB ITB 16 BB BL		20	2669130000
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	1991890000
stackable	ATPG 2.5 MI-R	0.2 A	50	1991960000
Screwdriver				
Standard	SDIL 0,6X3,5X100		1	2749140000
Holder for cartridge fuse 5 x 20 mm				
400 V AC/DC, without LED	SIHA 3/G20	6.3 A	25	7921560000
10 - 36 V AC/DC, red LED	SIHA 3/G20/LD 10-36V		25	7921570000
140 - 250 V AC/DC, red LED	SIHA 3/G20/LD 140-250V		25	7921600000
Module connector (max, 250 V)				
without fittings	BEST		50	1833100000
with wire jumper	BEST/DRBR	22 A	50	1878570000
With 1N4007 diode	BEST/D	1 A	50	1878560000
Disconnect plug				
orange	TNST OR	20 A	50	2463540000
Marking tags				
	DEK 5/5 PLUS MC NE WS		1000	1854490000
	DEK 5/5 MM WS		800	2007110000
For detailed information on other accessories and application in the online catalogue				

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/3	24 A	60	1527570000
ZQV 2.5N/4	24 A	60	1527590000
ZQV 2.5N/10	24 A	20	1527690000
AEP ITB 2.5		20	2669060000
AEB 35 SCL/1 V0		20	2661280000
AEB ITB 2.5/4 BB BL		25	2690440000
AEB ITB 16 BB BL		20	2669130000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
SDIL 0,6X3,5X100		1	2749140000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST OR	20 A	50	2463540000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000

AITB 2.5 L-L

2.5 mm²

5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm
400
250
250

Type	Qty.	Order No.
AITB 2.5 L-L	50	**2669000000**

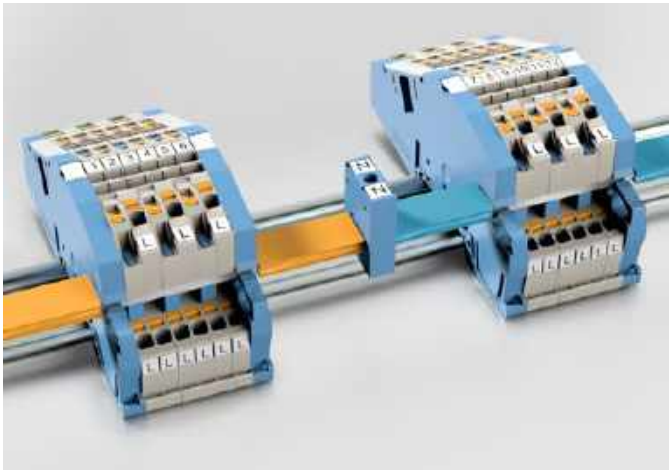
Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	**1527540000**
ZQV 2.5N/3	24 A	60	**1527570000**
ZQV 2.5N/4	24 A	60	**1527590000**
ZQV 2.5N/10	24 A	20	**1527690000**
AEP ITB 2.5		20	**2669060000**
AEB 35 SCL/1 V0		20	**2661280000**
AEB ITB 2.5/4 BB BL		25	**2690440000**
AEB ITB 16 BB BL		20	**2669130000**
ATPG 1.5-10 L	0.2 A	50	**1991890000**
ATPG 2.5 MI-R	0.2 A	50	**1991960000**
SDIL 0,6X3,5X100		1	**2749140000**
SIHA 3/G20	6.3 A	25	**7921560000**
SIHA 3/G20/LD 10-36V		25	**7921570000**
SIHA 3/G20/LD 140-250V		25	**7921600000**
BEST		50	**1833100000**
BEST/DRBR	22 A	50	**1878570000**
BEST/D	1 A	50	**1878560000**
TNST OR	20 A	50	**2463540000**
DEK 5/5 PLUS MC NE WS		1000	**1854490000**
DEK 5/5 MM WS		800	**2007110000**

Klippon® Connect for building installation wiring

Sophisticated and uniform accessoires

Safe and flexible covering of live components

The BB-CV AITB 3X10 cover profile provides the necessary finger safety within the switchgear. Protruding parts of the busbar, which are provided as a reserve within the switchgear, can thus be protected against unintentional contact. The cover profile can be flexibly and individually cut to length.

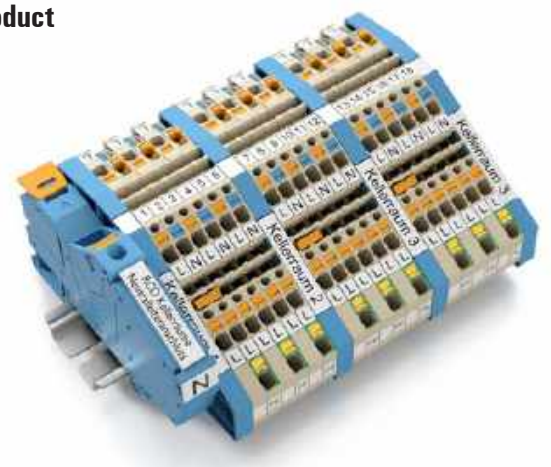


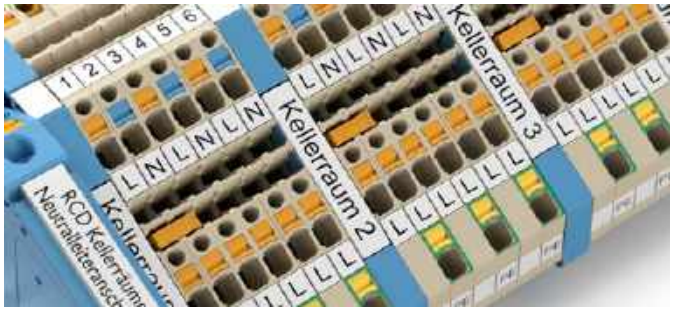
Cover profile **BB-CV**

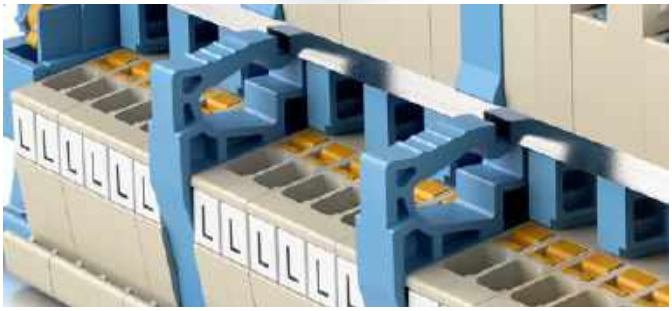
Type	Length	Qty.	Order No.
BB-CV AITB 3X10	300 mm	10	2911380000
BB-CV AITB 3X10 BL	300 mm	10	2918930000

End bracket, support block and end plate cleverly combined in one product

The AEB ITB 2.5/4 BB BL is one of the all-rounders in the Klippon® Connect accessories for building installation wiring. The end bracket serves as a support block for the busbar. Due to its identical contour to the 3-level installation terminal blocks AITB 2.5 BB... it could also be used as a visual demarcation within the terminal strip, but also as an end plate. This saves additional components and working time. A receptacle for the terminal strip labelling (WAD 5) is available on the head side of the products.







Clean and clear distinction of internal and external wiring within the cabinet

With the AITB 16 BB NLO, the neutral conductor busbar is integrated into the system quickly, safely and without any additional tools. As with the installation terminal blocks, the internal wiring in the control cabinet is carried out in the direction of the busbar. This creates a clear visual distinction between internal wiring at the switchgear manufacturer and external wiring on the construction site. The AEB ITB 16 BB BL, without connection function for a conductor, completes the portfolio.

Both versions have integrated the function of an support block in addition to the function of an end bracket. This saves additional components and working time. A plug-in possibility for terminal strip labelling (WAD 5 or WAD 8) is available on the head side of the products.
For finger safety at the end of the DIN-Rail, an integrated end plate could be broken out of the front area of the product. This can be attached on the left or right side, depending on the structure of the terminal strip. Both product variants are supplied with an integrated end plate for the product as well as for the busbar.

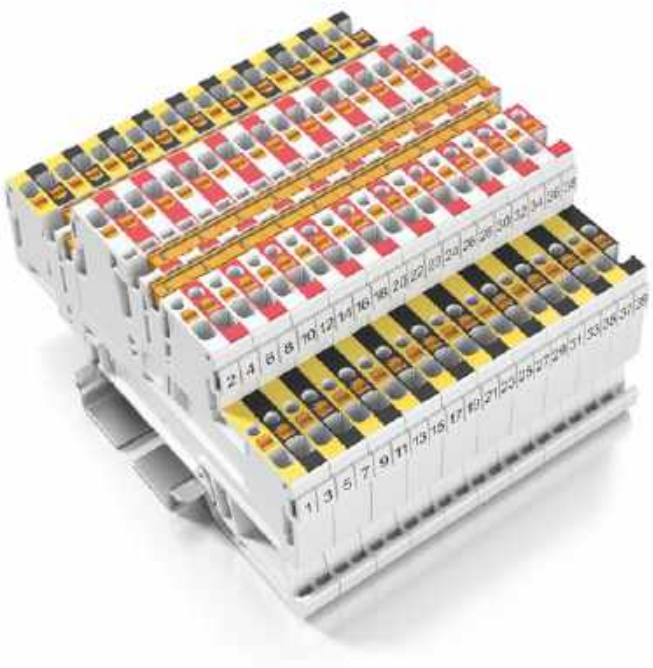
		AITB 16 BB NLO 16 mm²	AEB ITB 16 BB BL	AEB ITB 2.5/4 BB BL
Dimensions				
Width/Height/Depth	mm	91.15/52.9/12	91.15/52.9/12	6.1 x 50.5 x 104
Continuous operating temp., min.		-60 °C	-60 °C	-60 °C
Continuous operating temp., max.		130 °C	130 °C	130 °C
Material		polyamide 66	polyamide 66	polyamide 66
Rated data		**IEC / UL / CSA**	**IEC / UL / CSA**	**IEC / UL / CSA**
Rated voltage	V	1000		
Rated current	A	65		
Rated impulse withstand voltage / Pollution severity		8 kV / 3	/ 3	
Gauge to IEC 60947-1 / UL 94 flammability rating		A6 / V-0	/ V-0	
Clamped conductors (H05V/H07V)				
Solid / Stranded	mm²	0,5...16 / 0,5...16		
Flexible / Flexible with ferrule	mm²	0,5...16 / 0,5...16		
Stripping length / Blade size	mm/-	18 / 1,0 x 5,5 mm		
Ordering data		**Type / Qty. / Order No.**	**Type / Qty. / Order No.**	**Type / Qty. / Order No.**
	blue	AITB 16 BB NLO / 20 / **2669140000**	AEB ITB 16 BB BL / 20 / **2669130000**	AEB ITB 2.5/4 BB BL / 25 / **2690440000**
Note				

KNX-Bussystem simple and clear wiring

Klippon® Connect for smart electrical installation in buildings

Automation and growing data volumes are of increasing importance in building technology. Precise, unambiguous data wiring systems are thereby essential for efficient cabinet assembly.

The Klippon® Connect KNX-terminal blocks provide the wiring of the main and reserve leads for KNX Bus wiring systems within a 7 mm combined block width. At each level, a double cross-connection point yields quick and easy distribution of the potential within the terminal.

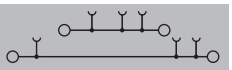


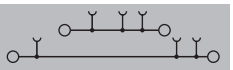
Your special advantages:

- Numerous marking possiblities
- Colour coded terminals for each wire colour
- Standardised accessories
- Minimal space requirements thanks to 3.5 mm individual terminal width

	A2T 1.5 KNX RD-BK	1.5 mm²	A2T 1.5 KNX WT-YL	1.5 mm²

Width/Height/Depth	mm	3.5 x 84 x 45	3.5 x 84 x 45
max. current / max. cond. cross-section	A/mm²	**17.5 / 1.5**	**17.5 / 1.5**
Max. clamping range	mm²	**0.14...1.5**	**0.14...1.5**





Technical data

Rated data		IEC 60947-7-1				
		IEC	**UL**	**CSA**	**EN 60079-7**	
Rated voltage	V	500				
Rated current	A	17.5				
for wire cross-section	mm²	1.5				
Rated impulse withstand voltage / Pollution severity				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating				A1 / V-0		
Approvals						
Clamped conductors (H05V/H07V)		**Rated connection**				
Solid / Stranded	mm²	0.5...1.5 / 0.5...1.5				
Flexible / Flexible with ferrule	mm²	0.5...1.5 / 0.5...1				
Twin wire-end ferrule	-					
Stripping length / Blade size	mm/-	8 / 0.4 x 2.0 mm				
Note						

		IEC 60947-7-1				
		IEC	**UL**	**CSA**	**EN 60079-7**	
		500				
		17.5				
		1.5				
				6 kV / 3		
				A1 / V-0		
		Rated connection				
		0.5...1.5 / 0.5...1.5				
		0.5...1.5 / 0.5...1				
		8 / 0.4 x 2.0 mm				

Ordering data

Version	**Type**	**Qty.**	**Order No.**
dark beige	A2T 1.5 KNX RD-BK	50	**2652200000**
Note			

Type	**Qty.**	**Order No.**
A2T 1.5 KNX WT-YL	50	**2652210000**

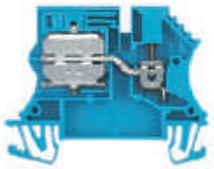
Accessories

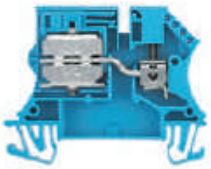
Plug-in cross-connection	**Type**		**Qty.**	**Order No.**
2-pole	ZQV 1.5N/2	17.5 A	60	**1985410000**
10-pole	ZQV 1.5N/10	17.5 A	20	**1985580000**
End plate				
dark beige	AEP 2T 1.5		20	**2469420000**
Blue	AEP 2T 1.5 BL		20	**2471470000**
End bracket				
dark beige, screwable	AEB 35 SC/1		50	**1991920000**
dark beige, direct mounting	AEB 35 SCL/1 VO		20	**2661280000**
Test adapter				
1-pole	ATPG 1.5-10 L	0.2 A	50	**1991890000**
stackable	ATPG 1.5 MI-R	0.2 A	50	**1991880000**
Test plug				
	PS 2.0 MC		20	**0310000000**
Screwdriver				
Standard	SDS 0.4X2.0X60		1	**2749260000**
Marking tags				
	WS 10/3.5 PLUS MC NE WS		960	**2003760000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

Plug-in cross-connection	**Type**		**Qty.**	**Order No.**
	ZQV 1.5N/2	17.5 A	60	**1985410000**
	ZQV 1.5N/10	17.5 A	20	**1985580000**
	AEP 2T 1.5		20	**2469420000**
	AEP 2T 1.5 BL		20	**2471470000**
	AEB 35 SC/1		50	**1991920000**
	AEB 35 SCL/1 VO		20	**2661280000**
	ATPG 1.5-10 L	0.2 A	50	**1991890000**
	ATPG 1.5 MI-R	0.2 A	50	**1991880000**
	PS 2.0 MC		20	**0310000000**
	SDS 0.4X2.0X60		1	**2749260000**
	WS 10/3.5 PLUS MC NE WS		960	**2003760000**
	DEK 5/3.5 MM WS		1000	**2007100000**
	DEK 5/3.5 PLUS MC NE WS		1600	**2003750000**

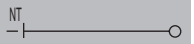
For detailed information on other accessories and application in the online catalogue

	WNT 2.5	2.5 mm²	WNT 4	4 mm²

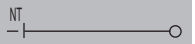




Width/Height/Depth	mm	5.1 x 60 x 46.5
max. current / max. cond. cross-section	A	**32 / 4**
Max. clamping range	mm²	**0.13...4**



Width/Height/Depth	mm	6.1 x 60 x 46.5
max. current / max. cond. cross-section	A	**41 / 6**
Max. clamping range	mm²	**0.13...6**



Technical data

Rated data		In accordance with IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	400	600	600	
Rated current	A	24	25	20	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3 / V-0		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4			
Tightening torque / Clamping screw	Nm	0.4...0.6 / (M 2.5)			
Tightening torque Separating screw	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note		Tightening torque, N-isolator 0.4...0.6 Nm			

Rated data		In accordance with IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7
Rated voltage	V	400	600	600	
Rated current	A	32	35	25	
for wire cross-section	mm²	4	AWG 26...10	AWG 26...10	
Rated impulse withstand voltage / Pollution severity			6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A4 / V-0		
Approvals					
Clamped conductors (H05V/H07V)		**Rated connection**			
Solid / Stranded	mm²	0.5...6 / 1.5...6			
Flexible / Flexible with ferrule	mm²	0.5...6			
Tightening torque / Clamping screw	Nm	0.5...1 / (M 3)			
Tightening torque Separating screw	-				
Stripping length / Blade size	mm/-	10 / 0.6 x 3.5 mm			
Note		Tightening torque, N-isolator 0.4...0.8 Nm			

Ordering data

Version	Type	Qty.	Order No.
dark beige	WNT 2.5 10X3 BE	100	**1010600000**
Blue	WNT 2.5 10X3	100	**1010680000**
Note			

Type	Qty.	Order No.
WNT 4 10X3	100	**1010780000**

Accessories

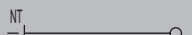
	Type		Qty.	Order No.
End plate / Partition plate				
dark beige	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)				
Blue	WHP 2.5-35N/10X3 BL		20	**1050280000**
End bracket				
dark beige	WEW 35/2		50	**1061200000**
Screwdriver				
With "swifty set" cutting device	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**2749340000**
Busbar 10 x 3 (140 A)				
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars				
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	**0316500000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**
flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**
Marking tags				
	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**

Type		Qty.	Order No.
WAP 2.5-10		50	**1050000000**
WAP 2.5-10 BL		50	**1050080000**
WHP 2.5-35N/10X3 BL		20	**1050280000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDS 0.6X3.5X100		1	**2749340000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 12/5 MC NE WS		720	**1609860000**

For detailed information on other accessories and application in the online catalogue

WNT 6 — 6 mm²

7.9 x 60 x 46.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
41	45	35	
6	AWG 20...8	AWG 26...8	
	6 kV / 3		
	A5 / V-0		

Rated connection
0.5...10 / 1.5...10
0.5...10
0.8...1.2 / (M 3.5)
12 / 4.0 x 0.8 mm

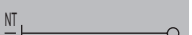
Tightening torque, N-isolator 0.8...1.6 Nm

Type	Qty.	Order No.
WNT 6 10X3	50	1010880000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

WNT 10 — 10 mm²

9.9 x 60 x 46.5
76 / 16
1.31...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
57	60	50	
10	AWG 16...8	AWG 16...6	
	6 kV / 3		
	B6 / V-0		

Rated connection
1.5...16 / 1.5...16
1.5...16
1.2...2 / (M 4)
12 / 1.0 x 5.5 mm

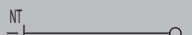
Tightening torque, N-isolator 0.8...1.6 Nm.

Type	Qty.	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

WNT 16N — 16 mm²

12 x 60 x 46.5
101 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
76	65	65	
16	AWG 14...6	AWG 14...6	
	6 kV / 3		
	B7 / V-0		

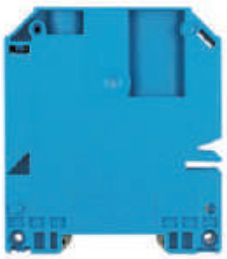
Rated connection
1.5...16 / 1.5...25
1.5...16
1.2...2.2 / (M 4)
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	1019000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN 140 A	1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

B

	WNT 35N	WNT 70N
	35 mm²	70 mm²
	Compact design	Compact design
		
Width/Height/Depth mm	16 x 66 x 50.5	20.5 x 75 x 85
max. current / max. cond. cross-section A	**140 / 50**	**140 / 95**
Max. clamping range mm²	**2.5…50**	**10…95**

Technical data

	WNT 35N	WNT 70N
Rated data	In accordance with IEC 60947-7-1	In accordance with IEC 60947-7-1
	IEC / UL / CSA / EN 60079-7	IEC / UL / CSA / EN 60079-7
Rated voltage V	400	400 / 600
Rated current A	125	140 / 175
for wire cross-section mm²	35	70 / AWG 6…0
Rated impulse withstand voltage / Pollution severity	6 kV / 3	6 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	B8 / V-0	B11 / V-0
Approvals	CE EAC	CE EAC UL
Clamped conductors (H05V/H07V)	**Rated connection**	**Rated connection**
Solid / Stranded mm²	2.5…16 / 2.5…50	10…16 / 10…95
Flexible / Flexible with ferrule mm²	2.5…35	10…70
Tightening torque / Clamping screw Nm	4…5 / (M 6)	6…12 / (M 8)
Tightening torque Separating screw -		
Stripping length / Blade size mm/-	18 / 6.5 x 1.2 mm	22 / S6 (DIN 6911)
Note	Tightening torque, N-isolator: 1.2…2.4 Nm	Tightening torque, N-isolator 2.5…5.0 Nm

Ordering data

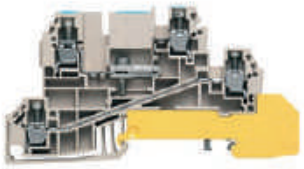
Version	Type	Qty.	Order No.	Type	Qty.	Order No.
dark beige						
Blue	WNT 35N 10X3	20	**1718550000**	WNT 70N/35	10	**9512210000**
Note						

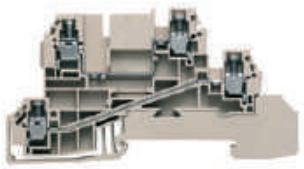
Accessories

	WNT 35N				WNT 70N			
End plate / Partition plate	**Type**		**Qty.**	**Order No.**	**Type**		**Qty.**	**Order No.**
dark beige	WAP 2.5-10		50	**1050000000**	WAP 2.5-10		50	**1050000000**
Blue	WAP 2.5-10 BL		50	**1050080000**	WAP 2.5-10 BL		50	**1050080000**
Support bracket for 10 x 3 (required every 20 cm)								
Blue	WHP 2.5-35N/10X3 BL		20	**1050280000**	WHP 2.5-35N/10X3 BL		20	**1050280000**
End bracket								
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2		50	**1061200000**
Screwdriver								
With "swifty set" cutting device	SWIFTY SET		1	**9006060000**	SWIFTY SET		1	**9006060000**
Standard	SDS 0.6X3.5X100		1	**2749340000**	SDS 0.6X3.5X100		1	**2749340000**
Busbar 10 x 3 (140 A)								
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars								
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	**0316500000**	ZB 4		50	**0316500000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**	ZB 16 ZKSC		50	**0316600000**
flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**	ZB 35/M6X16		20	**0266500000**
Marking tags								
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS		1000	**1609801044**
	WS 12/5 MC NE WS		720	**1609860000**	WS 12/5 MC NE WS		720	**1609860000**

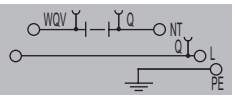
For detailed information on other accessories and application in the online catalogue

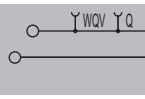
	WDL 2.5/NT/L/PE	2.5 mm²	WDL 2.5/L/L	2.5 mm²





Width/Height/Depth	mm	6.1 x 90 x 48	6.1 x 90 x 48
Rated current / max. cond. cross-section	A/mm²	24 / 4	24 / 4
Max. clamping range	mm²	0.13...4	0.13...4





Technical data

Rated data		IEC 60947-7-1 (-7-2)				IEC 60947-7-1			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	400	300	300		400	300	300	
max. current	A	32	15	10		32	15	10	
for wire cross-section	mm²	2.5	AWG 26...12	AWG 26...12		2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity			4 kV / 3				6 kV / 3		
Gauge to IEC 60947-1 / UL 94 flammability rating			A3, A4 / V-0				A3, A4 / V-0		
Approvals		CE CSA EAC N UL				CE CSA EAC N UL			
Clamped conductors (H05V/H07V)		**Rated connection**				**Rated connection**			
Solid / Stranded	mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule	mm²	0.5...4 / 0.5...4				0.5...4 / 0.5...4			
Twin wire-end ferrule	-								
Stripping length / Blade size	mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Rated voltage									
Rated voltage (L / L)	V	400				400			
Rated voltage (L / N)	V	250				250			
Rated voltage (L / PE)	V	250				250			
Note									

Ordering data

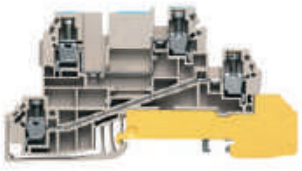
Version		Type	Qty.	Order No.	Type	Qty.	Order No.
	dark beige	WDL 2.5/NT/L/PE	50	1029800000	WDL 2.5/L/L	50	1030300000
Note							

Accessories

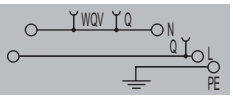
Screwable cross-connection		Type		Qty.	Order No.	Type		Qty.	Order No.
	2-pole	Q 2 WDL2.5S	24 A	50	1071500000	Q 2 WDL2.5S	24 A	50	1071500000
	3-pole	Q 3 WDL2.5S	24 A	50	1071600000	Q 3 WDL2.5S	24 A	50	1071600000
	4-pole	Q 4 WDL2.5S	24 A	50	1071700000	Q 4 WDL2.5S	24 A	50	1071700000
	10-pole	Q 10 WDL2.5S	24 A	20	1071800000	Q 10 WDL2.5S	24 A	20	1071800000
	20-/24-pole	Q 20 WDL2.5S	24 A	20	1074200000	Q 20 WDL2.5S	24 A	20	1074200000
End plate / Partition plate									
	dark beige	WAP WDL2.5		20	1067800000	WAP WDL2.5		20	1067800000
Support bracket for 10 x 3 (required every 20 cm)									
	dark beige	WHP WDL2.5/S BL		20	1067980000	WHP WDL2.5/S BL		20	1067980000
End bracket									
	dark beige	WEW 35/2		50	1061200000	WEW 35/2		50	1061200000
Screwdriver									
	With "swifty set" cutting device	SWIFTY SET		1	9006060000	SWIFTY SET		1	9006060000
	Standard	SDIS 0.6X3.5X100		1	2749810000	SDIS 0.6X3.5X100		1	2749810000
Marking tags									
		DEK 5/5 MC NE WS		1000	1609801044	DEK 5/5 MC NE WS		1000	1609801044
		WS 8/5 MC NE WS		720	1640740000	WS 8/5 MC NE WS		720	1640740000

For detailed information on other accessories and application in the online catalogue

WDL 2.5/N/L/PE — 2.5 mm²



6.1 x 90 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			

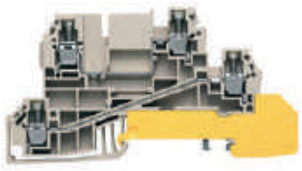
CE cULus EAC cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
8 / 0.6 x 3.5 mm
400
250
250

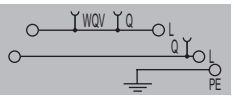
Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	**1029900000**

Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WAP WDL2.5		20	**1067800000**
WHP WDL2.5/S BL		20	**1067980000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDIS 0.6X3.5X100		1	**2749810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/L/L/PE — 2.5 mm²



6.1 x 90 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

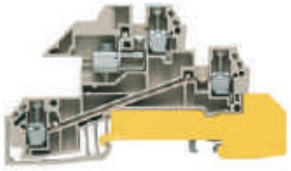
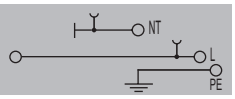
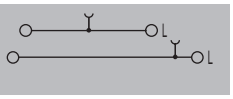
IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			

CE cULus EAC cULus

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...4
8 / 0.6 x 3.5 mm
400
250
250

Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	**1030200000**

Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WAP WDL2.5		20	**1067800000**
WHP WDL2.5/S BL		20	**1067980000**
WEW 35/2		50	**1061200000**
SWIFTY SET		1	**9006060000**
SDIS 0.6X3.5X100		1	**2749810000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

	WDL 2.5/S/NT/L/PE	2.5 mm²	WDL 2.5/S/L/L	2.5 mm²
				
Width/Height/Depth mm	6.1 x 84.5 x 48		6.1 x 84.5 x 48	
Rated current / max. cond. cross-section A/mm²	24 / 4		24 / 4	
Max. clamping range mm²	0.13...4		0.13...4	

Technical data

Rated data	In accordance with IEC 60947-7-1				IEC 60947-7-1	
	IEC	**UL**	**CSA**	**EN 60079-7**	**IEC**	**UL**	**CSA**	**EN 60079-7**
Rated voltage V	400	300	300		400	300	300	
max. current A	32	15	10		32	15	10	
for wire cross-section mm²	2.5	AWG 26...12	AWG 26...12		2.5	AWG 26...12	AWG 26...12	
Rated impulse withstand voltage / Pollution severity	4 kV / 3				6 kV / 3			
Gauge to IEC 60947-1 / UL 94 flammability rating	A3 / V-0				A3 / V-0			
Approvals	CE SP EAC N VL				CE SP EAC N VL			
Clamped conductors (H05V/H07V)								
Solid / Stranded mm²	0.5...4 / 1.5...4				0.5...4 / 1.5...4			
Flexible / Flexible with ferrule mm²	0.5...4 / 0.25...2.5				0.5...4 / 0.25...2.5			
Twin wire-end ferrule -								
Stripping length / Blade size mm/-	8 / 0.6 x 3.5 mm				8 / 0.6 x 3.5 mm			
Rated voltage								
Rated voltage (L / L) V	400				400			
Rated voltage (L / N) V	250				250			
Rated voltage (L / PE) V	250				250			
Note	Rated voltage L-PE and L-NT 250 V. Tightening torque for isolator 0.4.0.6 Nm							

Ordering data

Version	**Type**		**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
dark beige	WDL 2.5/S/NT/L/PE		50	**1030600000**	WDL 2.5/S/L/L	50	**1031200000**
Note							

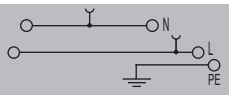
Accessories

Screwable cross-connection	**Type**		**Qty.**	**Order No.**	**Type**	**Qty.**	**Order No.**
2-pole	Q 2 WDL2.5S	24 A	50	**1071500000**	Q 2 WDL2.5S 24 A	50	**1071500000**
3-pole	Q 3 WDL2.5S	24 A	50	**1071600000**	Q 3 WDL2.5S 24 A	50	**1071600000**
4-pole	Q 4 WDL2.5S	24 A	50	**1071700000**	Q 4 WDL2.5S 24 A	50	**1071700000**
10-pole	Q 10 WDL2.5S	24 A	20	**1071800000**	Q 10 WDL2.5S 24 A	20	**1071800000**
20-/24-pole	Q 20 WDL2.5S	24 A	20	**1074200000**	Q 20 WDL2.5S 24 A	20	**1074200000**
End bracket							
dark beige	WEW 35/2		50	**1061200000**	WEW 35/2	50	**1061200000**
End plate / Partition plate							
dark beige	WAP WDL2.5/S		20	**1067700000**	WAP WDL2.5/S	20	**1067700000**
Support bracket for 10 x 3 (required every 20 cm)							
dark beige	WHP WDL2.5/S BL		20	**1067980000**	WHP WDL2.5/S BL	20	**1067980000**
Busbar 10 x 3 (140 A)							
	SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**	SSCH 10X3X1000 CU/SN 140 A	1	**0348900000**
Clamping yoke for power supply to 10 x 3 busbars							
Rigid / flexible 0.5 - 6 / 4 mm²	ZB 4		50	**0316500000**	ZB 4	50	**0316500000**
Rigid / flexible 6 - 16 mm²	ZB 16 ZKSC		50	**0316600000**	ZB 16 ZKSC	50	**0316600000**
flexible 16 - 35 mm²	ZB 35/M6X16		20	**0266500000**	ZB 35/M6X16	20	**0266500000**
Marking tags							
	DEK 5/5 MC NE WS		1000	**1609801044**	DEK 5/5 MC NE WS	1000	**1609801044**
	WS 8/5 MC NE WS		720	**1640740000**	WS 8/5 MC NE WS	720	**1640740000**

For detailed information on other accessories and application in the online catalogue

WDL 2.5/S/N/L/PE — 2.5 mm²

6.1 x 84.5 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

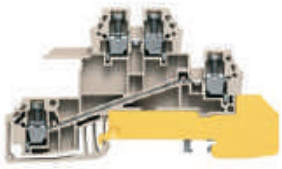
IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.25...2.5
8 / 0.6 x 3.5 mm
400
250
250
L-PE / L-N 250 V

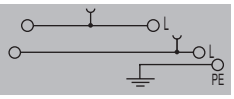
Type		Qty.	Order No.
WDL 2.5/S/N/L/PE		50	**1030700000**

Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WEW 35/2		50	**1061200000**
WAP WDL2.5/S		20	**1067700000**
WHP WDL2.5/S BL		20	**1067980000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

WDL 2.5/S/L/L/PE — 2.5 mm²



6.1 x 84.5 x 48
24 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
32	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.25...2.5
8 / 0.6 x 3.5 mm
400
250
250
L-PE 250 V

Type		Qty.	Order No.
WDL 2.5/S/L/L/PE		50	**1031100000**

Type		Qty.	Order No.
Q 2 WDL2.5S	24 A	50	**1071500000**
Q 3 WDL2.5S	24 A	50	**1071600000**
Q 4 WDL2.5S	24 A	50	**1071700000**
Q 10 WDL2.5S	24 A	20	**1071800000**
Q 20 WDL2.5S	24 A	20	**1074200000**
WEW 35/2		50	**1061200000**
WAP WDL2.5/S		20	**1067700000**
WHP WDL2.5/S BL		20	**1067980000**
SSCH 10X3X1000 CU/SN	140 A	1	**0348900000**
ZB 4		50	**0316500000**
ZB 16 ZKSC		50	**0316600000**
ZB 35/M6X16		20	**0266500000**
DEK 5/5 MC NE WS		1000	**1609801044**
WS 8/5 MC NE WS		720	**1640740000**

Installation

Installation	Assembly instructions	C.2
	Mounting accessories	C.10
	Busbars and accessories	C.24
	Marking system	C.34
	Tools	C.36
	Enclosure system	C.38
	Materials	C.40
	Standards and regulations	C.46

General technical notes

Useful tips from planning through to installation

As a system planner, you bear the responsibility for the correct selection of solutions and components. The IEC standard and the DIN EN 61439 "Low-voltage switchgear and controlgear assemblies" standard support you here. They stipulate the planning and construction requirements, as well as the necessary design verifications. The essential prerequisites are, of course, professional handling of equipment and observance of the rules in force. Only in this way can hazards to persons and property be avoided when they are dealing with electrical energy. In particular, installation, maintenance work, modifications and retrofitting may only be carried out by qualified personnel and in compliance with the general installation and safety regulations for work on power installations.

Our promise

Connections in the panel have to satisfy numerous rules and conditions. Whether installing terminal strips and terminal blocks or using aluminium conductors – we provide you with useful tips that make your work easier.

Operating conditions

The specifications contained in the documentation apply, insofar as no separate stipulations apply, for the recommended installation position and for environmental conditions in the case of indoor installation (pollution severity 3, in exceptional cases 2) in accordance with IEC 60439-1 and IEC 61439-1/2/3. The user has to refer the manufacturer to special operating conditions deviating from this standard! You have to provide for installation-specific reduction factors depending on the actual operating conditions. The load factors listed in the table below constitute guidelines.

Guidelines for rated load factors

Number of main circuits	Rated load factor	
	acc. to IEC 61439-2	acc. to IEC 61439-3
2 and 3	0.9	0.8
4 and 5	0.8	0.7
6 to 9 inclusive	0.7	0.6
10 and more	0.6	0.5

IEC 61439
Part 2: Power switchgear and controlgear assemblies
Part 3: Distribution boards intended to be operated by ordinary persons

What you have to observe for installation

In the case of products containing cartridge fuses, you have to follow the specifications from the associated product standards with regard to the wire cross-sections to be connected. The specified temperature resistance of the plastics used has to be observed.

Here, we recommend installing the products vertically on horizontal terminal rail systems. The rated load factors in the table are applicable for this installation position and also for components with permissible power losses. This also pertains to the environmental conditions in accordance with IEC 60439-1, section 6.1.1.1 and IEC 61439-2/3, section 7.1.1.1.

And what if the conditions deviate
In case of a deviation in the installation position and operating conditions, you have to consider all the factors influencing the maximum temperature. These include, for example:

- Power output of the cartridge fuses and the devices in operation
- Timings, full and partial load, concurrency
- Arrangement in the system, mutual interaction between the devices
- Rail cross-section, conductor cross-section
- Ambient temperature, flow conditions, ventilation and cooling through additional correction factors

Installation positions are inadmissible in which gravity works against the direction of contact movement. Clearance and creepage distances have to be measured in accordance with IEC 60664-1 (VDE 0110 Part 1). Above 12 mm, all IEC requirements are met up to 690 V AC. You also have to consider further factors, such as minimum distances to grounded parts. This particularly applies for UL applications. You also need to avoid the harmful influences of chemical substances during storage, processing and operation.

CE marking
Our products are subject to mandatory CE-marking in conjunction with Low Voltage Directive. We have affixed the CE mark on the individual packing units and partly on the products themselves. We hereby confirm to you that our products comply with the applicable regulations. We would be pleased to provide you with the relevant declarations of conformity at our company.

RoHS Directive
The restriction of lead and nine other potentially hazardous substances in electrical and electronic equipment is specified by the EU-Directive RoHS. As a value-oriented company, Weidmüller is aware of its responsibility towards customers, employees, society and the environment. It is therefore a matter of course for Weidmüller to assume its responsibility within the framework of the RoHS Directive 2011/65/EU.
www.weidmueller.com/rohs

Our tips for you

It always has to be ensured that ...

- all accessible parts are deactivated during installation and maintenance work
- connections are made with the prescribed torque, suitable fitted parts are used and parts are completely installed for touch-safe protection
- connections are checked and, if necessary, tightened after transportation
- the products are used and operated according to the intended purpose
- the technical description in the product manual and the installation instructions are observed and the documents are kept accessible for subsequent maintenance work, modifications and retrofitting
- modifications that serve for advancement and technical progress are reserved

REACH Regulation
The European Chemical Regulation REACH stands for registration, evaluation and authorization of chemicals. As an environmentally conscious company Weidmüller takes its responsibility for communication within the supply chain and for the entire information flow within the REACH regulation.
www.weidmueller.com/reach

Mounting of terminal strips

Always a secure connection

Terminal strips are used for quick installation of cables and conductors. They are the interface from the panel to the outside world. Below, you will find some useful tips, information and binding rules to support you in mounting terminal strips.

Combinations of different terminal blocks
In case of a contour change, you have to use end plates and partition plates (WAP/TW, ZAP/TW and IAP). If terminal blocks with different rated voltages are arranged next to one another, you need end plates or partition plates (WAP/TW, ZAP/TW). Good to know: when arranging the PE terminal block next to, or between the associated feed-through terminals blocks of the same series and size, the rated voltage and the rated impulse voltage of the feed-through terminal blocks are not influenced.

Dimensions
The dimension of the housing enclosing the terminal blocks and fastening components is specified, but without tolerances. Please consider a mounting tolerance of 0.2 mm to the specified terminal width in your project design.

Partition plate
You use a partition plate for visual separation of circuits or for electrical isolation from neighbouring cross-connectors.

Small partition
In the case of terminal blocks, up to a terminal width of max. 12 mm, you can retroactively insert small partitions between cross-connections or sockets.

End bracket at the beginning and end of the terminal strip

Partition plates improve the overview

Troubleshooting with bipolar voltage tester incl. measurement probe according to IEC 61243-3

Compliance with the rated insulation voltage
We specify the required stripping length for all our products in mm. These lengths, e.g. 6 mm ± 0.5 mm, ≥ 10 mm ± 1 mm are absolutely binding. This is also the case if you use wire-end ferrules. IEC 60947-1 applies for the outside dimension of crimped wire-end ferrules.

Working on electrical connectors with non-insulated screwdrivers
The following five rules apply for working on electrical systems and equipment with non-insulated screwdrivers:
- Disconnect the electrical systems
- Prevent from being switched back on
- Ascertain absence of voltage
- Earth and short-circuit
- Cover or block off neighbouring parts under voltage

Please find the individual measures to be taken in consideration of the operational and local conditions, for example high voltage and low voltage lines, cables or switchgear systems, in VDE 0105 Part 100.

Unused contact points under voltage
Protect unused contact points that may be live against inadvertent touching by using suitable covers, such as ADP 1 to 4. The clamping screws of unused contact points that are not live must also be tightened.

Tightening torque range for clamping screws
The test torque according to IEC 60947-1 or the torque according to the manufacturer's specifications is the lower value of the torque range. With this, all tests are passed. The upper value of the torque range is the maximum torque that may be applied.
Preferably set the electrical torque screwdriver to the midpoint torque of the terminal torque range. We have assigned product-specific data directly to the respective products.

Tightening the clamping screw in the specified torque ranges ensures:
- Reliable and gas-tight clamping
- No mechanical destruction of the clamping yokes
- Voltage drop well below the required limit value

Our installation tips for you

- The terminal strip structure is from left to right
- Place the closed side to the left, the open side to the right
- Always close the open side of the terminal strip with end plates or separation plates (WAP/TW, ZAP/TW)
- End brackets have to be placed at the beginning and end of a terminal strip

Connecting terminal blocks

With the right torque

The right torque is a decisive factor in professional connection of terminal blocks in order to avoid damage to the electrical systems. Therefore, always apply the tightening torque specified in the installation instructions or on the Internet for the product.

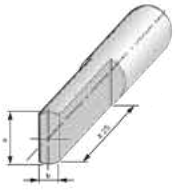
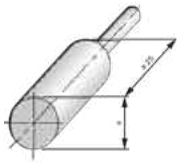
Unless limits are specified, the deviation of the tightening torque for screw and clamp connections may be a maximum of ±/–20 percent of the rated value. If no range is specified for clamping cross-sections, the lower clamping range is limited to two levels below the rated cross-section. Please find the relationships between the wire cross-sections in mm² and AWG/MCM sizes in the table below.

General technical data for conversion AWG* conductor to mm²

AWG	mm²
30	0.05
28	0.08
26	0.13
24	0.20
22	0.33
20	0.52
19	0.65
18	0.82
17	1.04
16	1.31
15	1.65
14	2.08
13	2.63
12	3.31
11	4.17
10	5.26
9	6.63
8	8.37
7	10.55
6	13.30
5	16.77
4	21.15
3	26.67
2	33.63
1	42.41
0	53.48
0 [1/0]	53.5
00 [2/0]	67.4
000 [3/0]	85
0000 [4/0]	107
250 kcmil	127
350 kcmil	177
500 kcmil	253
600 kcmil	304
800 kcmil	405
1000 kcmil	507

* **AWG** is the abbreviation for "**A**merican **W**ire **G**auge".

Plug gauge according to IEC 60947-1: insertability of unprepared round conductors with the largest defined cross-section

Cable diameter		Gauge					
		Shape A			Shape B		
							
Flexible conductors mm²	Solid conductors (one or more wires) mm²	Desig-nation	Diameter a mm	Width b mm	Desig-nation	Diameter a mm	Permissible deviation for a and b mm
1.5	1.5	A 1	2.4	1.5	B 1	1.9	
2.5	2.5	A 2	2.8	2.0	B 2	2.4	0 - 0.05
2.5	4	A 3	2.8	2.4	B 3	2.7	
4	6	A 4	3.6	3.1	B 4	3.5	
6	10	A 5	4.3	4.0	B 5	4.4	0 - 0.06
10	16	A 6	5.4	5.1	B 6	5.3	
16	25	A 7	7.1	6.3	B 7	6.9	
25	35	A 8	8.3	7.8	B 8	8.2	0 - 0.07
35	50	A 9	10.2	9.2	B 9	10.0	
50	70	A 10	12.3	11.0	B 10	12.0	
70	95	A 11	14.2	13.1	B 11	14.0	
95	120	A 12	16.2	15.1	B 12	16.0	0 - 0.08
120	150	A 13	18.2	17.0	B 13	18.0	
150	185	A 14	20.2	19.0	B 14	20.0	
185	240	A 15	22.2	21.0	B 15	22.0	
240	300	A 16	26.5	24.0	B 16	26.0	0 - 0.09

Approval of wire-end ferrules
Wire-end ferrules are only ever approved for applications according to IEC/EN standards. We tested examples for the application of wire-end ferrules; this does represent any form of general approval for different ferrule pressings. You may have to reduce the maximum wire cross-sections. Conductors have to be manufactured taking into consideration the requirements of IEC/EN 60999-1 and -2 and have to be configured such that there is no tensile loading.

Two conductors at a contact point
You achieve assignment to individual circuits, identification and division of individual functional units optimally by only connecting one conductor to each contact point. Terminal blocks with screw connection (W-Series) are available to you should two conductors of the same cross-section be connected to a contact point. The connection of two cables with screwless contact points is forbidden according to DIN IEC 60999-1. Connection of two conductors is possible in terminal blocks with spring connection, however, by using twin wire-end ferrules.

Continuous current for two conductors
The total current of two conductors must not exceed the continuous current of the terminal block. The continuous current is the maximum current a terminal block can carry without exceeding a temperature increase of 45 K.

Rated voltage
The rated voltage of the terminal block does not change with the proper connection of two conductors.

Use of aluminium conductors

Very secure contact

Aluminium conductors have many advantages. However, various conditions must be met in order to achieve secure contact with these conductors. The specifications for the conductor connections for terminal blocks only apply for copper conductors. They do not apply to aluminium conductors.

Why is the use of aluminium conductors so attractive?

The use of aluminium conductors is becoming increasingly attractive, especially when conductors with cross-sections over 16 mm² are used. One advantage of aluminium as a wire material is its favourable price as compared with copper. Aluminium also weighs significantly less. This makes routing cables much easier.

Properties and physical influences of aluminium

The direct contact of aluminium as an electrical conductor is essentially determined by three physical influences:

- Exposure to oxygen immediately forms a non-conducting oxide layer on the surface of the aluminium conductor. The result is an increase in the contact resistance between the connection system and the aluminium conductor. In the worst case, this can lead to the terminal block catching fire.
- The conductivity of aluminium is one-third lower than that of copper. For this reason, the selection of the right cross-section should always be dependent on the maximum anticipated current. When using aluminium conductors, we therefore recommend always selecting one conductor size larger for the same current carrying capacity.
- Aluminium has a tendency to flow under mechanical pressure loading. This necessitates checking the specified torque prior to initial use and monitoring the torque applied after approx. 200 operating hours.

Professional processing and handling of aluminium conductors for direct connection

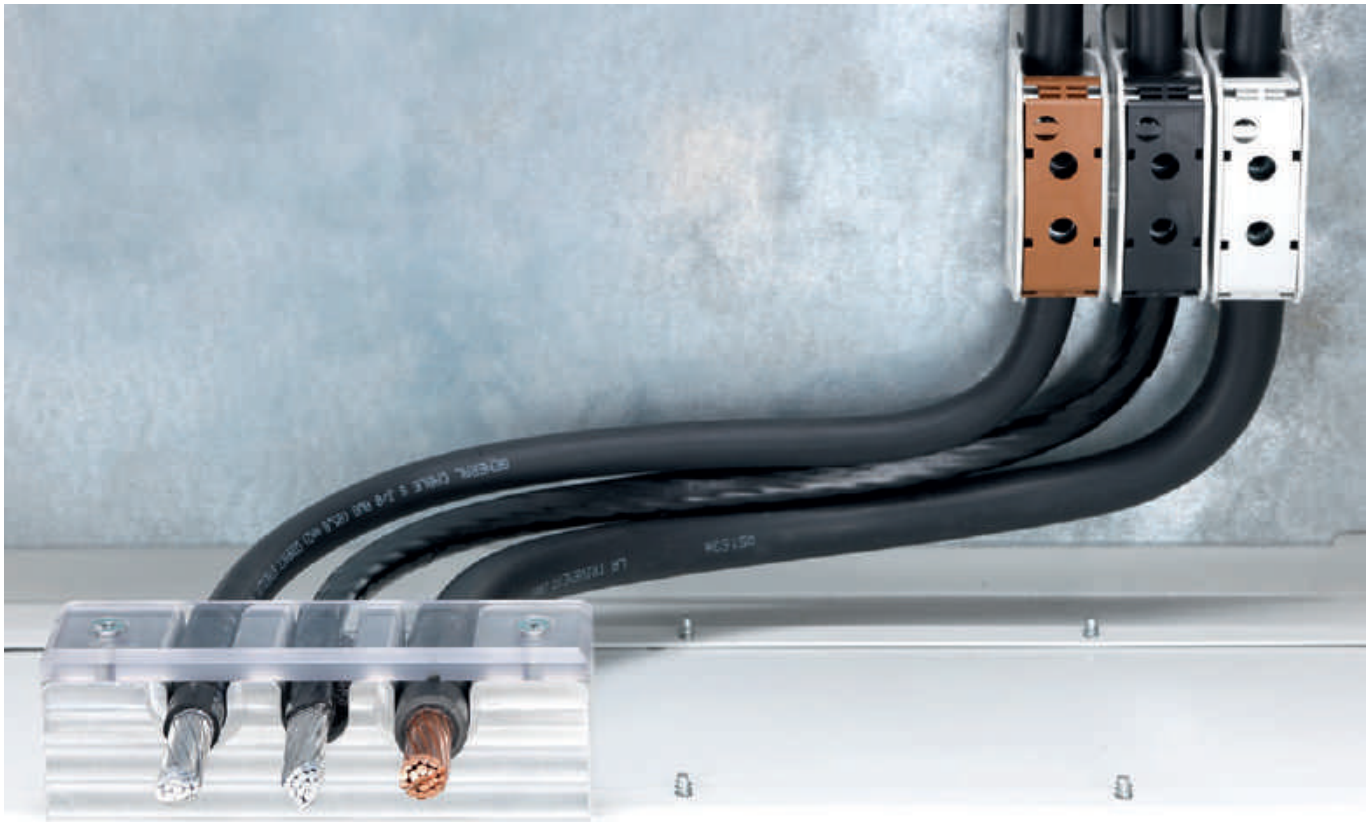
In order to ensure optimal connection of solid and sectional core aluminium conductors, the stripped end of the conductor must be cleaned of the oxide layer immediately by scraping, e.g. with a knife. Please note that no brushes, files or sandpaper may be used, as aluminium particles could be stuck and thus transferred to other conductors.

Immediately after removing the oxide layer, the end of the conductor has to be rubbed with neutral grease (for example with acid and alkali free vaseline) and connected in the terminal immediately. If the conductor has been disconnected and reconnected, the work steps have to be repeated.

Terminal blocks for aluminium conductors

WDU 2.5	20 A	solid 2,5 mm²	0.4 NM
WDU 4	27 A	solid 4 mm²	0.5 NM
WDU 6	35 A	solid 6 mm²	0.8 NM
WDU 10	48 A	solid 10 mm²	1.2 NM
WDU 16	50 A	solid "re"16 mm²	3.0 NM
WDU 35	60 A	solid 35 mm²	4.0 NM
WDU 50N	118 A	solid and sector-shaped 50 mm²	6.0 NM
WDU 70N	150 A	solid and sector-shaped 70 mm²	12.0 NM
WDU 120	290 A	sector-shaped 150 mm²	15.0 NM
WDU 240	415 A	solid and sector-shaped 240 mm²	30.0 NM
WPD × 01 ...	152 A	25 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	4 NM
WPD × 02 ...	202 A	35 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	16² = 4.0 NM 25² = 6.0 NM 35² = 8.0 NM
WPD × 03 ...	300 A	70 mm² solid, stranded and sector-shaped in acc. with IEC 61238-1	16² = 4.0 NM 25² = 6.0 NM 35² = 8.0 NM 50² = 10.0 NM 70² = 18.0 NM

* Further terminal blocks, with data for the aluminum connection, could be found in the chapters power supply, power distribution and building installation wiring. (WPD series)



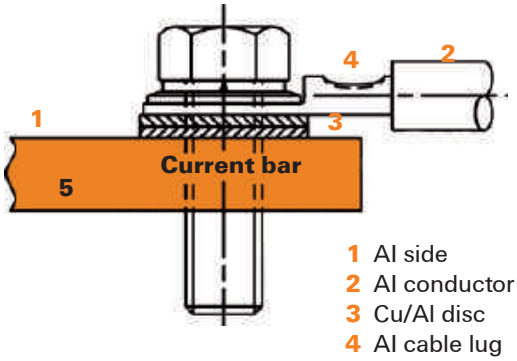
In case of WDU 240, the manufacturer's specifications concerning current-carrying capacity of the aluminium conductor used have to be observed. This is usually well below 400 A.

Professional preparation and handling of aluminium conductors with indirect connection
Indirect connection of aluminium conductors is the safest choice. This can be enabled through the use of connecting elements, such as Al/Cu ring cable lugs or compression bolts. Nevertheless, the relevant manufacturer's specifications must also be observed here and the contact point checked according to the operating instructions.

For normal environmental conditions and load cases, we recommend checking at intervals of six months. With unfavourable operating conditions or frequent temperature changes at the contact points, a shorter interval may be necessary. Temperature measurement strips with storage of maximum values can be attached in the immediate vicinity of the contact points and may be useful for objective assessment with regular tests. All contact points are suitable for the connection of one conductor, unless noted otherwise.

Installation instructions for flat cable lugs
When tightening the terminals, it is recommended to apply a counter-force on the conductor to avoid deformation of the terminal rail and to keep the foot of the terminal free of torsion forces. Connection of stranded aluminium conductors to terminal blocks is achieved with the aid of an aluminium cable lug. This is selected according to the shape of the conductor and is connected to the cable lug manufacturer's specifications. Cu/Al washers are required at the junction of aluminium cable lugs to the terminal block current bar. Only then is a smooth transition from copper to aluminium ensured. They are fitted such that the copper side of the current bar and the aluminium side make contact with the aluminium cable lug.

Mounting screw



1 Al side
2 Al conductor
3 Cu/Al disc
4 Al cable lug
5 Cu side

Installation in conformity with standards

With precisely matched accessories

When mounting terminal blocks and assembling panels, you must always be able to rely on accessories fitting perfectly. Only then do the processes run smoothly and therefore productively. The requirements placed on terminal rails, busbars, as well as cover plates and support brackets, are correspondingly high. They have to comply with numerous standards and safety regulations.

Our promise
Our components are aligned to each other right down to the finest detail and hence make installation easier for you.

Information and ordering data for mounting accessories is available to you in our online catalogue.

Terminal rails

Terminal and top-hat rails for component mounting and end brackets are important for holding and insulating the components. Depending on the application area, we offer terminal rails made of steel, stainless steel, aluminium, copper or plastic.

Stainless steel
Stainless steel is a collective term for all types of steel (alloys) with a high degree of purity and corrosion resistance.

Aluminium
Aluminium has the second best electrical conductivity after copper. One advantage is low weight, another is outstanding corrosion protection.

Copper
Copper has the best electrical conductivity of all metals used. The copper rail has the highest short-circuit protection.

Plastic
Plastic terminal rails have insulating properties and are very light. They can be used where clearance and creepage distances to the support bracket cannot be achieved with standard terminal rails.

Steel
Steel terminal rails are the most widespread on the market. Among metal terminal rails, they have the lowest short-circuit protection, similar to stainless steel.

Use as PE conductors or PEN busbars
Under certain circumstances, you can also use terminal rails as bus bars for protective conductors (PE conductors) or PEN conductors. The Weidmüller PE terminal blocks with spring and screw connections fulfil the requirements for PE conductors defined in IEC 60947-7-2. According to VDE 0100 Part 540, protective earth conductors and neutral conductors with wire cross-sections above 10 mm^2 may be combined to form a conductor abbreviated as PEN.

Our installation tip

If a terminal rail is used as a PEN busbar, the following criteria have to be observed:
- Only profiles made of E-Cu or aluminium are permissible
- Short-circuit currents and thermal rated currents
- Insulate terminal rails with the "protective insulation"protective measure

Busbars

In the case of switchgear and control systems it, may be necessary to bring the neutral and PE conductor together on busbars. They offer the possibility of connecting a large number of conductors (on 1 m rails up to 70 conductors) with a low space requirement – either via a pressure piece or a clamping yoke. The SH rail support (which can also be arranged between the clamping yokes for longer bar) serves for fixing purposes. If the clamping yoke is used as protective earth connection, we can optionally supply it with green-yellow or as neutral conductor with blue insulation cap.

Our installation tip

- In order to combine neutral or protective earth conductors at a central point, the ZB clamping yoke can be used together advantageously with the 10 × 3 or 6 × 6 busbars
- The ZBE 6 can be retroactively swivelled on to the busbars

Cover profiles and support brackets

Several safety regulations, such as the accident prevention regulation “Electrical Installations and Equipment” (VBG 4) and VDE 0140-1 „Protection against electric shock“, require from you that active parts of electrical equipment are protected against direct touching. Our cover profiles with associated support brackets may be used for the most common terminal sizes. The support brackets can be arranged at the end or along the the terminal strip. They can be fastened to TS 32, TS 35 or TS 15 terminal rails.

Our installation tip

- Linear intervals of the support brackets: the linear measure of the ADP 1, 2 and 3 between the support brackets should not significantly exceed 300 mm
- The cover profile is also snapped on to tags at the sides; extra tightness is achieved with pegs on the support brackets for sealing purposes
- The transparent design of the profiles allows terminals with accessories and marking to be identified at any time. Additional markings, e.g. from groups, can also be applied

Busbars, unslotted

SSch

Type	Material	Dimensions	Rated current	Qty.	Order No.
SSCH 6X6X1000 CU/SN	Copper	6 / 6 / 1000 mm	140 A	1 M	0571300000
SSCH 7.3X1.2X1000	Copper	7.3 / 1.2 / 1000 mm		1 M	1071200000
SSCH 10X3X1000 CU/SN	Copper	10 / 3 / 1000 mm	140 A	1 M	0348900000
SSCH 10X3X1000 ST/ZN	Steel	10 / 3 / 1000 mm		1 M	0438000000
SSCH 10X3X2000 CU VERZ.	Copper	10 / 3 / 2000 mm		2 M	1397000000
SSCH 15X6X1000 CU/SN	Copper	15 / 6 / 1000 mm	265 A	1 M	0357400000

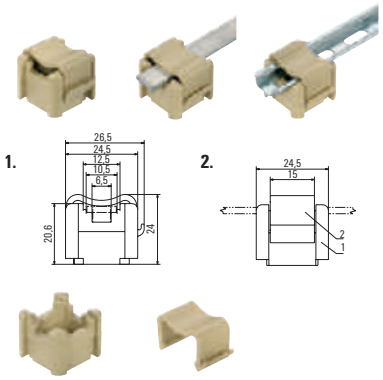
Busbars, slotted

NSch / ESch

Type	Material	Dimensions	Rated current	Qty.	Order No.
ESCH 1 M	Steel	1000 / 2 / 12 mm	24 A	10 M	0280300000
NSCH 1M	Copper	1000 / 2 / 15 mm	24 A	10 M	0280200000
NSCH 2M	Copper	2000 / 2 / 15 mm	24 A	2 M	1313600000
Pressure piece				**Qty.**	**Order No.**
DKSUE NSCH/ESCH				100	0280100000
Clamping screw					
BFSC M5X8 SCHLITZ				100	0296700000
For solid conductors and cable lugs according to DIN 46234.					

Rail support

With yoke and base

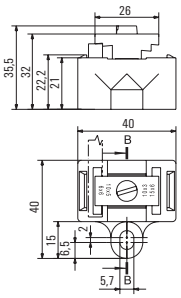


SH 1

Type	Material	Dimensions	Qty.	Order No.
SH 1	Polyamide 66	26 / 24 / 24.5 mm	20 ST	0299860000
Individual parts			**Qty.**	**Order No.**
SO SH1			20	0401460000
KLBUE SH1			20	0635960000
Mounting screw				
BFSC M4X9T			100	0103300000
BFSC M4X30			50	0267100000
SH 1: for busbar cross-section 10 x 3, 6 x 6, 15 x 2, 12 x 2, 15 x 2, 15 x 6				

Rail support

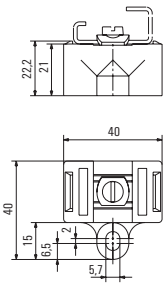
With metal bridge



SH 2S

Type	Material	Dimensions	Qty.	Order No.
SH 2 S	KrG	40 / 35.5 / 40 mm	10 ST	0641720000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5, 15 x 6				

Rail support

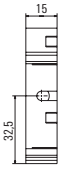


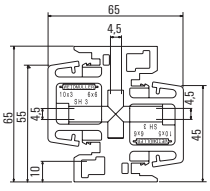
SH 2

Type	Material	Dimensions	Qty.	Order No.
SH 2	KrG	40 / 25 / 40 mm	10 ST	0494920000
The arrangement of mounting rails in totally insulated facilities				

Rail support

With metal bridge





SH 3

Type	Material	Dimensions	Qty.	Order No.
SH 3	Polyamide 66	65 / 65 / 15 mm	10 ST	0556660000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5				

Rail support

WEW

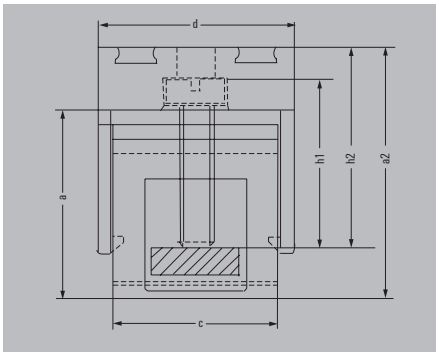
Type	Material	Dimensions	Qty.	Order No.
Polyamide with fibre glass, screwable				
WEW 35/1	Wemid	12 / 62.5 / 56 mm	50 ST	1059000000
WEW 35/2	Wemid	8 / 46.5 / 56 mm	50 ST	1061200000
WEW 35/1 GR	Wemid	12 / 62.5 / 56 mm	50 ST	1227890000
WEW 35/1 SW	Wemid	12 / 63 / 56 mm	50 ST	1162600000
WEW 35/2 GR	Wemid	8 / 46.5 / 56 mm	100 ST	1859200000
WEW 35/2 SW	Wemid	8 / 47 / 56 mm	50 ST	1061210000
For busbar cross-section 10 x 3, 6 x 6				

Busbar tap terminal

WBBD 16

Type	Rated voltage	Rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WBBD 16 BL	690 V	114 A	1.5…16 mm²	blue	12 ST	**2603850000**
WBBD 16 GN	690 V	114 A	1.5…16 mm²	green	12 ST	**2603860000**
WBBD 16 GY	690 V	114 A	1.5…16 mm²	grey	12 ST	**2603840000**
For busbar thickness 3…10 mm						

Clamping yoke, uninsulated



Tightening torques for clamping screws according to IEC 60947-1

Products with screw with slotted head		
Thread	Tightening torque	
	Steel screws	
	min. 8.8	A 2/A 4-80
	[Nm]	[Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...

for busbar 10 x 3 mm

Solid	0.5...6 mm²
Flexible	0.5...4 mm²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4	silver	5.3 mm	15.5 mm	16 mm	50	0316500000
IK 4 BL ZB4	silver	6 mm	19 mm	14.5 mm	50	0475480000
IK 4 GG ZB4	silver	6 mm	19 mm	14.5 mm	50	0475460000

for busbar 10 x 3 mm

For subsequently slewing-in

Solid	1...10 mm²
Flexible	1.5...10 mm²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6	silver	8 mm	19 mm	28 mm	50	0459500000
IK 6 GG ZBE6K	silver	7.8 mm	22.5 mm	23 mm	50	0526060000

for busbar 10 x 3 mm

Also for 10 x 5 mm busbars

Solid	1.5...10 mm²
Flexible	2.5...10 mm²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

ZB 10

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 10 F.10X3/10X5/10X10	silver	8 mm	19.5 mm	29.1 mm	50	1261300000

for busbar 10 x 3 mm

Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	16 mm

ZB 16

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16 ZKSC	silver	10 mm	16 mm	24 mm	50	0316600000
IK 16/ZB16 BL	silver	9 mm	19 mm	20 mm	50	0502980000
IK 16/ZB16 GG	silver	9 mm	19 mm	20 mm	50	0502960000

for busbar 10 x 3 mm

Solid	16...16 mm²
Flexible	16...35 mm²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

ZB 35

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35/M6X16	silver	14 mm	18 mm	34 mm	20	0266500000
IK 35/ZB35 BL	silver	14 mm	32 mm	8.6 mm	50	0502780000

for busbar 6 x 6 mm

Solid	0.5...6 mm²
Flexible	0.5...4 mm²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6	silver	5.3 mm	12 mm	20 mm	50	0556700000

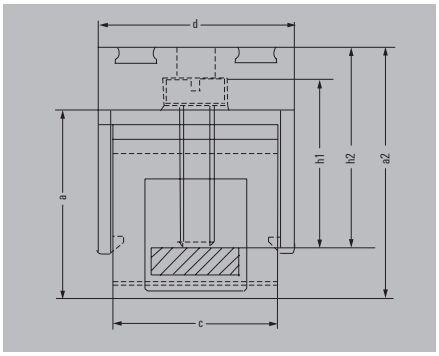
for busbar 6 x 6 mm

Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	12 mm

ZB 16/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6	silver	10 mm	12.5 mm	30.7 mm	50	0556800000

Clamping yoke, insulated



for busbar 10 x 3 mm

Solid	0.5...6 mm²
Flexible	...
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4G BL	silver	7.4 mm	19.5 mm	27 mm	50	0322180000
ZB 4G GN/GE	silver	7.4 mm	19.5 mm	27 mm	50	0322160000
ZB 4G SW	silver	7.4 mm	19.5 mm	27 mm	50	0322110000
ZB 4K BL	silver	6 mm	19 mm	20.4 mm	50	0475380000
ZB 4K GE/GN	silver	6 mm	19 mm	20.4 mm	50	0475360000

for busbar 10 x 3 mm

For subsequently slewing-in

Solid	1...10 mm²
Flexible	1.5...10 mm²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6K BL	blue	8 mm	22.5 mm	19.5 mm	50	0525980000
ZBE 6K GE/GN	yellow, green	8 mm	22.5 mm	19.5 mm	50	0525960000
ZBE 6K SW	black	8 mm	22.5 mm	19.5 mm	50	0525910000

for busbar 10 x 3 mm

Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	16 mm

ZB 16K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16K BL	silver	10 mm	19 mm	26.8 mm	50	0502880000
ZB 16K GE/GN	silver	10 mm	19 mm	26.8 mm	50	0502860000

for busbar 10 x 3 mm

Solid	16...16 mm²
Flexible	16...35 mm²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

ZB 35K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35K BL M6X16	silver	14 mm	32 mm	34 mm	20	0502680000
ZB 35K GE/GN M6X16	silver	14 mm	32 mm	34 mm	20	0502660000
ZB 35K SW M6X16	silver	14 mm	32 mm	34 mm	20	0502610000

for busbar 10 x 3 mm

Tension clamp connection

Solid	0.5...4 mm²
Flexible	0.5...2.5 mm²
Stranded	...
Clamping screw	
Stripping length	10 mm

ZF 4 S

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZF 4 S	silver	6.1 mm	24.5 mm	22 mm	50	1814680000
ZF 4 S BL	silver	6.1 mm	24.5 mm	22 mm	50	1814660000
ZF 4 S GN	green	6.1 mm	24.5 mm	22 mm	50	1814670000

for busbar 6 x 6 mm

Solid	0.5...6 mm²
Flexible	0.5...4 mm²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

ZB 4 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6K BL	silver	6 mm	25 mm	14.7 mm	50	0565480000
ZB 4/6K GE/GN	silver	6 mm	25 mm	14.7 mm	50	0565460000

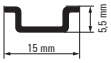
for busbar 6 x 6 mm

Solid	2.5...16 mm²
Flexible	2.5...16 mm²
Stranded	16...25 mm²
Clamping screw	M 4
Stripping length	12 mm

ZB 16 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6K GE/GN	silver	10 mm	25 mm	30.7 mm	50	0569660000

TS 15 terminal rail

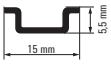


unslotted

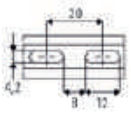
TS 15 x 5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 15X5 2M/ST/ZN	10.00 mm²	1.2 kA/1s		2000mm	1.00 mm	2 M	**0514200000**

TS 15 terminal rail



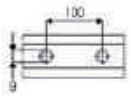
with slot



TS 15 x 5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 15X5/LL 2M/ST/ZN	10.00 mm²	1.2 kA/1s		2000mm	1.00 mm	2 M	**0117500000**
TS 15X5/LL 1M/ST/ZN	10.00 mm²	1.2 kA/1s		1000mm	1.00 mm	1 M	**0117510000**

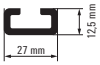
TS 20 terminal rail



TS 20 x 10

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
TS 20/CX10 2M/ST/ZN				2000mm	1.50 mm	2 M	**0316400000**

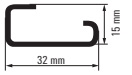
TS 27 terminal rail



TS 27 x 12.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
TS 27X12.5M/ST/F.ZN				2000mm	2.00 mm	2 M	**1802690000**

TS 32 terminal rail

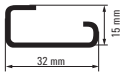


unslotted

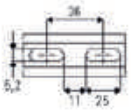
TS 32 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Aluminium							
TS 32X15 2M/AL/BK	70.00 mm²	8.4 kA/1s	192.00 A	2000mm	1.50 mm	2 M	**0169300000**
Steel, galvanised and passivated							
TS 32X15 2M/ST/ZN	35.00 mm²	4.2 kA/1s		2000mm	1.50 mm	2 M	**0122800000**
Stainless steel, rust-proof							
TS 32X15 2M/CRN				2000mm	1.50 mm	2 M	**0293220000**

TS 32 terminal rail



with slot



TS 32 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 32X15/LL 2M/ST/ZN	35.00 mm²	4.2 kA/1s		2000mm	1.50 mm	2 M	**0514400000**

TS 35 x 7.5 terminal rail

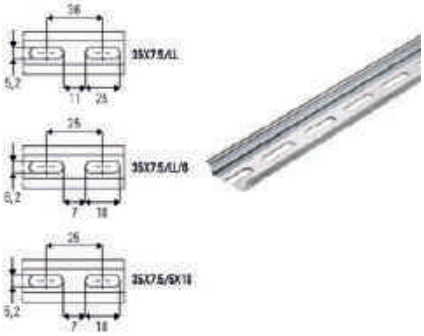
unslotted

TS 35 x 7.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Copper							
TS 35X7.5/1.0 2M/CU/BK	50.00 mm²	6 kA/1s	150.00 A		1.00 mm	2 M	**2731380000**
Aluminium							
TS 35X7.5 2M/AL/BK	35.00 mm²	4.2 kA/1s	125.00 A	2000mm	1.00 mm	2 M	**0330800000**
Steel, galvanised and passivated							
TS 35X7.5 2M/ST/ZN	16.00 mm²	1.92 kA/1s		2000mm	1.00 mm	2 M	**0383400000**
TS 35X7.5 1M/ST/ZN	16.00 mm²	1.92 kA/1s		1000mm	1.00 mm	1 M	**0383410000**
Stainless steel, rust-proof							
TS 35X7.5 2M/CRN				2000mm	1.00 mm	2 M	**1747350000**
TS 35X7.5 2M/CRN 316L					1.00 mm	2 M	**2716000000**

TS 35 x 7.5 terminal rail

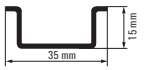
with slot



TS 35 x 7.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 35X7.5/LL 1M/ST/ZN	16.00 mm²	1.92 kA/1s		1000mm	1.00 mm	1 M	**0514510000**
TS 35X7.5/LL 2M/ST/ZN	16.00 mm²	1.92 kA/1s		2000mm	1.00 mm	2 M	**0514500000**
TS 35X7.5/LL 2M/ST/SZ	16.00 mm²	1.92 kA/1s		2000mm	1.00 mm	2 M	**7915060000**
TS 35X7.5/LL/6 2M/ST/ZN	16.00 mm²	1.92 kA/1s		2000mm	1.00 mm	2 M	**0514570000**
TS 35X7.5/LL/6X18 2M/O	16.00 mm²	1.92 kA/1s		2000mm		2 M	**1071690000**
TS 35X7.5/5X18 2M/ST/SZ	16.00 mm²	1.92 kA/1s		2000mm	1.00 mm	2 M	**1879090000**

TS 35 x 15 terminal rail

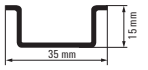


unslotted

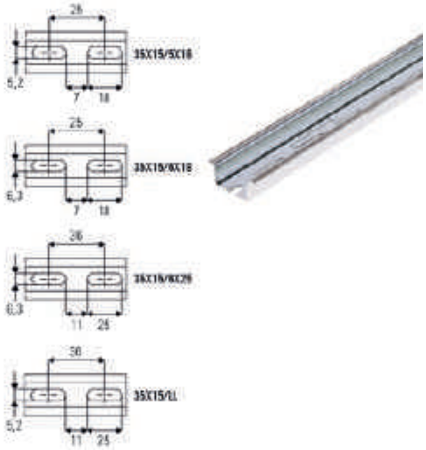
TS 35 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Copper							
TS 35X15/2.3 2M/CU/BK	150.00 mm²	18 kA/1s	309.00 A	2000mm	2.30 mm	2 M	**0270100000**
Aluminium							
TS 35X15/2.3 2M/AL/BK	95.00 mm²	11.4 kA/1s	232.00 A	2000mm	2.30 mm	2 M	**1848290000**
Steel, galvanised and passivated							
TS 35X15/2.3 2M/ST/ZN	50.00 mm²	6 kA/1s		2000mm	2.30 mm	2 M	**0498000000**
TS 35X15 2M/ST/ZN	50.00 mm²	6 kA/1s		2000mm	1.50 mm	2 M	**0236400000**
Plastic PVC RAL 7035							
TSK 35X15 2M PVC/GR				2000mm	3.00 mm	2 M	**0514300000**

TS 35 x 15 terminal rail



with slot



TS 35 x 15

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Steel, galvanised and passivated							
TS 35X15/5X18 2M/ST/SZ	50.00 mm²	6 kA/1s		2000mm		2 M	**1879100000**
TS 35X15/5X18 2M/ST/ZN	50.00 mm²	6 kA/1s		2000mm		2 M	**1837380000**
TS 35X15/6X18 2M/ST/ZN	50.00 mm²	6 kA/1s		2000mm	1.50 mm	2 M	**1805980000**
TS 35X15/6X25 2M/ST/ZN	50.00 mm²	6 kA/1s		2000mm		2 M	**1866290000**
TS 35X15/LL 1M/ST/ZN	50.00 mm²	6 kA/1s		1000mm	1.50 mm	1 M	**0236510000**
TS 35X15/LL 2M/ST/SZ	50.00 mm²	6 kA/1s		2000mm	1.50 mm	2 M	**7907490000**
TS 35X15/LL 2M/ST/ZN	50.00 mm²	6 kA/1s		2000mm	1.50 mm	2 M	**0236500000**
TS 35X15/LL 2M/ST/ZN/O	50.00 mm²	6 kA/1s		2000mm		2 M	**1071680000**

End cap for TS 35

End cap for TS 35

Type	PEN function	Height	Length	Qty.	Order No.
End cap TS 35 x 7.5					
TS END CAP 35X7.5		37.5 mm		100 ST	**1283470000**
End cap TS 35 x 15					
TS END CAP 35X15		37.5 mm		100 ST	**1283480000**

C

Mounting rail cutter

Terminal rail cutting and punching tool

Type	Width	Depth	Height	Qty.	Order No.
TSLD 5	270 mm	200 mm	205 mm	1 ST	**9918700000**
TSLD C	270 mm	200 mm	205 mm	1 ST	**1270310000**

for TS 15 terminal rail

EW 15

EW 15/2

ZEW 15

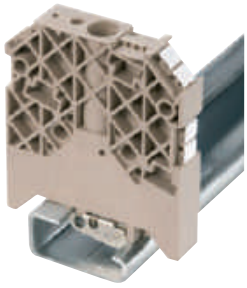
Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EW 15	beige	0.5 Nm	50	**0382860000**
Polyamide with fibre glass, screwable				
EW 15/2	dark beige	0.5 Nm	50	**1071900000**
Polyamide 66, screwless				
ZEW 15	beige		20	**7920340000**

for TS 32 terminal rail

EWK 1

EWK 2

MEW 1/32



WEW 32/1

Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EWK 2	beige	0.5 Nm	50	**0199360000**
EWK 1	beige	0.5 Nm	50	**0206160000**
Polyamide with fibre glass, screwable				
WEW 32/1	dark beige		50	**1067600000**
Metal, screwable				
MEW 1/32	grey		20	**0445600000**

for TS 35 terminal rail

AEB 35 SC

AEB 35 SCL

WEW 35/1

WEW 35/2

ZEW 35/2

EW 35

MEW 35/1

Type	Colour	Torque	Qty.	Order No.
Polyamide with fibre glass, screwable				
AEB 35 SC/1	dark beige	0.5 Nm	50	**1991920000**
AEB 35 SC/1 BK	black	0.5 Nm	50	**2475310000**
WEW 35/1	dark beige	1.2 Nm	50	**1059000000**
WEW 35/2	dark beige	0.5 Nm	50	**1061200000**
WEW 35/1 GR	grey	1.2 Nm	50	**1227890000**
WEW 35/1 SW	black	1.2 Nm	50	**1162600000**
WEW 35/2 GR	grey	0.5 Nm	100	**1859200000**
WEW 35/2 SW	black	0.5 Nm	50	**1061210000**
Polyamide 66, screwless				
AEB 35 SCL/1 V0	dark beige		20	**2661280000**
AEB 35 SCL/1 V0 BK	black		20	**2661300000**
AEB 35 SCL/1 V0 GY	Light Grey		20	**2661290000**
ZEW 35	dark beige		20	**9540000000**
ZEW 35/2	dark beige		20	**8630740000**
ZEW 35 GR	grey		20	**1238040000**
ZEW 35/2 GR	grey		20	**1227850000**
ZEW 35/2 SW	black		20	**1162610000**
Polyamide 66, screwable				
EW 35	beige	0.5 Nm	50	**0383560000**
EW 35 GR 7032	grey	0.5 Nm	50	**0383530000**
EW 35 DB	dark beige	0.5 Nm	50	**1269050000**
Metal, screwable				
MEW 35/1	grey		10	**1805610000**

Terminal rail support

TSTW 5/M5
TSTW 5/M5 verzinkt
TSTW 6/M6

Type	Internal thread	Qty.	Order No.
TSTW 5/M5	M 5	10	0178100000
TSTW 5/M5 ZN	M 5	10	1779100000
TSTW 6/M6	M 6	10	0164000000
TSTW D 4.3		10	1610110000

Terminal rail supports of type TSTW serve for angled mounting of terminal rails at an angle of 35°.

Terminal rail support

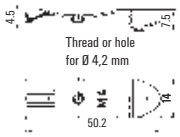
TST

Type	Internal thread	Qty.	Order No.
TST 2/M5	M 5	10	1286600000
TST 2/M6	M 6	10	0101700000
Type		**Qty.**	**Order No.**
Mounting plates and fastening screws			
FKSC M6X8 D9/SW3		50	0642600000
Mounting screw			
FKSC M5X8 D9/SW2.5		50	0295900000
FKSC M6X12 D9/SW3		50	0353500000

The TST terminal rail support serves to install terminal rails in the frame or using a cut-out.
For the terminal rail supports, Weidmüller offers fastening screws with hexagonal socket and an especially low head, such that terminal blocks can also be mounted above the screw.

Mounting feet

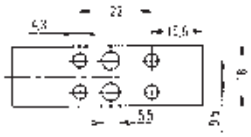
FM 4



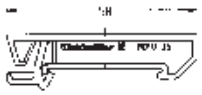
Type	Internal thread	Qty.	Order No.
FM 4 foot			
FM 4/TS35		40	0687900000
FM 5/TS35		40	0636800000
FM 6/TS35		40	0636900000
FM 4.2/TS35		40	1724580000
FM 4.2/TS35 without threadFM 4.2/TS35 without thread			

Mounting feet

MOFU 35/LO/1



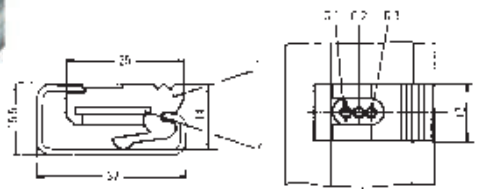
MOFU 35



Type	Internal thread	Qty.	Order No.
MOFU 35/LO/1		20	0646260000
MOFU 35		20	0495660000
MOFU 35/LO/1 SW		20	0646210000

Mounting feet

MB



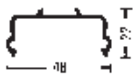
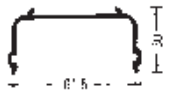
Type	Internal thread	Qty.	Order No.
MB M3/M5 CRM		20	0503500000
MB M5/M3 SW		20	0553400000
MB M6/M4 GR		20	0334900000

The sliding nuts for the TS 32 terminal rails are each fitted with two threaded holes for M3 + M5/M6 + M4/M5 + M3 screws. They serves to attach components that cannot be directly snapped onto the TS 32 and particularly to hold the smaller TS 15 top-hat rail. For example, small terminal blocks can firstly be snapped onto the TS 15 and then this rail can be attached to the TS 32 using the sliding nuts.

ADP

Cover strips

Material: unplasticised PVC
Supplied in 1 m lengths
Temperature limit: max. 70 °C

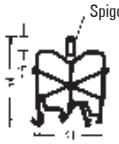
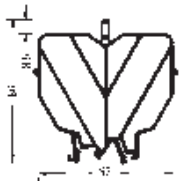
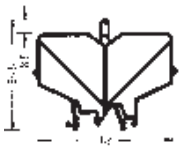
transparent		
Type		**Order No.**
ADP 1		**0485200000**
ADP 2		**0485300000**
ADP 3		**0485400000**
ADP 4 (1000 mm)		**1430760000**

transparent		
Type		**Order No.**
ADP 4 (300 mm)		**1378160000**

HP

Retaining plates

Material: PA 66
Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal		
Type		**Order No.**
HP 1	Spigot for lead seal 	**0485560000**
HP 2		**0485660000**
HP 3		**0485760000**
HP 4		**0485860000**

Covers

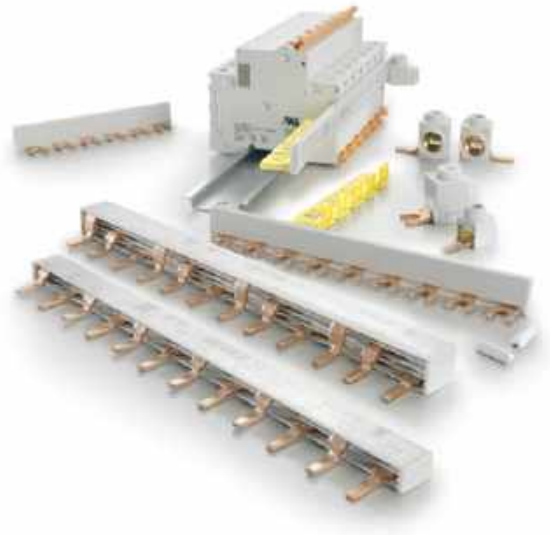
Overall dimensions	**A**	**A**	**A**	**A**	**B**	**C**
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6

Marking materials	**Type**	**Qty.**	**Order No.**
Card with warning "lightning flash", self adhesive 20 pcs. per card	BEZ.-KARTE ADP	10	**0566700000**

Phase rails with pin and fork contact

For simple and safe potential distribution on installation devices

To avoid additional wiring work, phase rails are used for potential distribution in industrial plants and especially in the building industry. They are used for potential distribution to other components in the control cabinet such as circuit breakers, residual current circuit breakers and other installation devices. In addition to the number of poles and the cross section, a distinction is also made in terms of the type of connection, provided either with bar or fork-type.



Our promise

Our range of busbars includes versions from 1-pole to 4-pole with bar and fork type variants. Tests according DIN EN 61439-1 and DIN EN 61439-6 Stds. guarantee maximum product application safety. A corresponding range of accessories such as power supply modules, end caps and covers completes the product portfolio. Once the phase rails have been cut to length, the end caps ensure the required creepage distances in the system and guarantee finger safety in accordance with DIN EN 50274. Various feed modules facilitate handling when feeding the system.

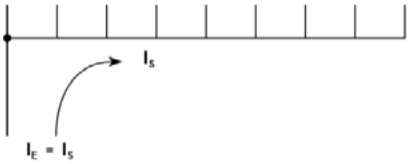
Our installation tip

- Always use end caps after cutting the busbars to length to ensure finger safety according to DIN EN 50274
- Lateral feed via the Fit 50... reduces the bending radius of the supply cable and thus simplifies wiring
- Protection cover indicate contact points not yet connected

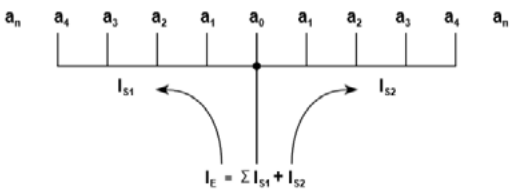
Current rating

	1-phase						2,3 and 4-phase			
Busbar cross-section in mm²	0	12	16	20	25	36	10	16	25	36
Feed-in from side maximum busbar current I_S / Phase A	36	65	80	90	100	130	63	80	100	130
Feed-in from middle maximum current per branch I_E / Phase A	100	110	130	150	180	220	100	130	180	220
maximum feed-in current I_E / Phase A										

Feed-in at start of busbar



Feeding along the busbar or central feed-in



For central supply, it has to be made sure that the sum of the outgoing currents a_0 at each bus branch is not bigger than the above-mentioned max. busbar current I_S / phase

Single phase rails for LS, LS + HI and DO
1-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274

Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-1L-106/10	10 mm²	63 A	6	17.80 mm	10	**2657770000**
G-1L-106/16	16 mm²	80 A	6	17.80 mm	10	**2657780000**
G-1L-160/10	10 mm²	63 A	9	17.80 mm	10	**2657790000**
G-1L-160/16	16 mm²	80 A	9	17.80 mm	10	**2657800000**
G-1L-210/10	10 mm²	63 A	12	17.80 mm	10	**2657810000**
G-1L-210/16	16 mm²	80 A	12	17.80 mm	10	**2657820000**
G-1L-268/10	10 mm²	63 A	15	17.80 mm	10	**2657830000**
G-1L-268/16	16 mm²	80 A	15	17.80 mm	10	**2657840000**
G-1L-320/10	10 mm²	63 A	18	17.80 mm	10	**2657850000**
G-1L-320/16	16 mm²	80 A	18	17.80 mm	10	**2657860000**
G-1L-1000/10	10 mm²	63 A	57	17.80 mm	10	**2657870000**
G-1L-1000/16	16 mm²	80 A	57	17.80 mm	10	**2657880000**
G-1L+9-1000/10	10 mm²	63 A	37	17.80 mm	10	**2657890000**
G-1L+9-1000/16	16 mm²	80 A	37	17.80 mm	10	**2657900000**
G-1L-27-1000/10	10 mm²	63 A	37	27.00 mm	10	**2657910000**
G-1L-27-1000/16	16 mm²	80 A	37	27.00 mm	10	**2657920000**

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 1L/10-16	50	**2658970000**

C

Single phase rails for LS, LS + HI and DO
1-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274

Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-1L-106/10	10 mm²	63 A	6	17.80 mm	10	**2657930000**
S-1L-106/16	16 mm²	80 A	6	17.80 mm	10	**2657940000**
S-1L-160/10	10 mm²	63 A	9	17.80 mm	10	**2657950000**
S-1L-160/16	16 mm²	80 A	9	17.80 mm	10	**2657960000**
S-1L-210/10	10 mm²	63 A	12	17.80 mm	10	**2657970000**
S-1L-210/16	16 mm²	80 A	12	17.80 mm	10	**2657980000**
S-1L-268/10	10 mm²	63 A	15	17.80 mm	10	**2657990000**
S-1L-268/16	16 mm²	80 A	15	17.80 mm	10	**2658000000**
S-1L-320/10	10 mm²	63 A	18	17.80 mm	10	**2658010000**
S-1L-320/16	16 mm²	80 A	18	17.80 mm	10	**2658020000**
S-1L-1000/10	10 mm²	63 A	57	17.80 mm	10	**2658030000**
S-1L-1000/16	16 mm²	80 A	57	17.80 mm	10	**2658040000**
S-1L+9-1000/10	10 mm²	63 A	37	17.80 mm	10	**2658050000**
S-1L+9-1000/16	16 mm²	80 A	37	17.80 mm	10	**2658060000**
S-1L-27-1000/10	10 mm²	63 A	37	27.00 mm	10	**2658070000**
S-1L-27-1000/16	16 mm²	80 A	37	27.00 mm	10	**2658080000**

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 1L/10-16	50	**2658970000**

Single phase rails for LS, LS + HI and DO
2-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274

Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-2L-106/10	10 mm²	63 A	6	17.80 mm	5	2658090000
G-2L-106/16	16 mm²	80 A	6	17.80 mm	5	2658100000
G-2L-210/10	10 mm²	63 A	12	17.80 mm	5	2658110000
G-2L-210/16	16 mm²	80 A	12	17.80 mm	5	2658120000
G-2L-320/10	10 mm²	63 A	18	17.80 mm	5	2658130000
G-2L-320/16	16 mm²	80 A	18	17.80 mm	5	2658140000
G-2L-1000/10	10 mm²	63 A	56	17.80 mm	5	2658150000
G-2L-1000/16	16 mm²	80 A	56	17.80 mm	5	2658160000
G-2L+9-1000/10	10 mm²	63 A	46	17.80 mm	5	2658170000
G-2L+9-1000/16	16 mm²	80 A	46	17.80 mm	5	2658180000
G-2L-27-1000/10	10 mm²	63 A	38	27.00 mm	5	2658190000
G-2L-27-1000/16	16 mm²	80 A	38	27.00 mm	5	2658200000

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 2L/10	10	2658980000
END CAP G+S 2L/16	10	2658990000

Single phase rails for LS, LS + HI and DO
2-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274

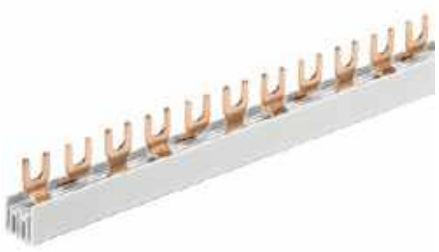
Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-2L-106/10	10 mm²	63 A	6	17.80 mm	5	**2658210000**
S-2L-106/16	16 mm²	80 A	6	17.80 mm	5	**2658220000**
S-2L-210/10	10 mm²	63 A	12	17.80 mm	5	**2658230000**
S-2L-210/16	16 mm²	80 A	12	17.80 mm	5	**2658240000**
S-2L-320/10	10 mm²	63 A	18	17.80 mm	5	**2658250000**
S-2L-320/16	16 mm²	80 A	18	17.80 mm	5	**2658260000**
S-2L-1000/10	10 mm²	63 A	56	17.80 mm	5	**2658270000**
S-2L-1000/16	16 mm²	80 A	56	17.80 mm	5	**2658280000**
S-2L+9-1000/10	10 mm²	63 A	46	17.80 mm	5	**2658290000**
S-2L+9-1000/16	16 mm²	80 A	46	17.80 mm	5	**2658300000**
S-2L-27-1000/10	10 mm²	63 A	38	27.00 mm	5	**2658310000**
S-2L-27-1000/16	16 mm²	80 A	38	27.00 mm	5	**2658320000**

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 2L/10	10	**2658980000**
END CAP G+S 2L/16	10	**2658990000**

Single phase rails for LS, LS + HI and DO
3-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274



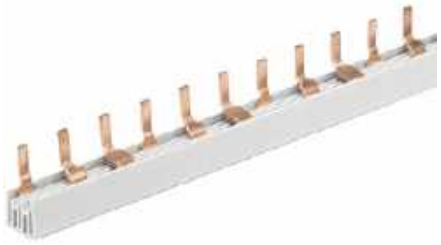
Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-3L-106/10 C	10 mm²	63 A	6	17.80 mm	5	2658330000
G-3L-106/16 C	16 mm²	80 A	6	17.80 mm	5	2658340000
G-3L-160/10 C	10 mm²	63 A	9	17.80 mm	5	2658350000
G-3L-160/16 C	16 mm²	80 A	9	17.80 mm	5	2658360000
G-3L-210/10 C	10 mm²	63 A	12	17.80 mm	5	2658370000
G-3L-210/16 C	16 mm²	80 A	12	17.80 mm	5	2658380000
G-3L-268/10 C	10 mm²	63 A	15	17.80 mm	5	2658390000
G-3L-268/16 C	16 mm²	80 A	15	17.80 mm	5	2658400000
G-3L-320/10 C	10 mm²	63 A	18	17.80 mm	5	2658410000
G-3L-320/16 C	16 mm²	80 A	18	17.80 mm	5	2658420000
G-3L-375/10 C	10 mm²	63 A	21	17.80 mm	5	2658430000
G-3L-375/16 C	16 mm²	80 A	21	17.80 mm	5	2658440000
G-3L-1000/10 C	10 mm²	63 A	57	17.80 mm	5	2658450000
G-3L-1000/16 C	16 mm²	80 A	57	17.80 mm	5	2658460000
G-3L+9-1000/10 C	10 mm²	63 A	48	17.80 mm	5	2658470000
G-3L+9-1000/16 C	16 mm²	80 A	48	17.80 mm	5	2658480000
G-3L-27-1000/10	10 mm²	63 A	36	27.00 mm	5	2658490000
G-3L-27-1000/16	16 mm²	80 A	36	27.00 mm	5	2658500000

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 3L/10	10	2659000000
END CAP G+S 3L/16	10	2659600000

Single phase rails for LS, LS + HI and DO
3-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274



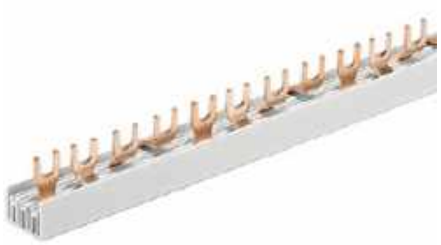
Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-3L-106/10	10 mm²	63 A	6	17.80 mm	5	2658510000
S-3L-106/16	16 mm²	80 A	6	17.80 mm	5	2658520000
S-3L-160/10	10 mm²	63 A	9	17.80 mm	5	2658530000
S-3L-160/16	16 mm²	80 A	9	17.80 mm	5	2658540000
S-3L-210/10	10 mm²	63 A	12	17.80 mm	5	2658550000
S-3L-210/16	16 mm²	80 A	12	17.80 mm	5	2658560000
S-3L-268/10	10 mm²	63 A	15	17.80 mm	5	2658570000
S-3L-268/16	16 mm²	80 A	15	17.80 mm	5	2658580000
S-3L-320/10	10 mm²	63 A	18	17.80 mm	5	2658590000
S-3L-320/16	16 mm²	80 A	18	17.80 mm	5	2658600000
S-3L-375/10	10 mm²	63 A	21	17.80 mm	5	2658610000
S-3L-375/16	16 mm²	80 A	21	17.80 mm	5	2658620000
S-3L-1000/10	10 mm²	63 A	57	17.80 mm	5	2658630000
S-3L-1000/16	16 mm²	80 A	57	17.80 mm	5	2658640000
S-3L+9-1000/10	10 mm²	63 A	48	17.80 mm	5	2658650000
S-3L+9-1000/16	16 mm²	80 A	48	17.80 mm	5	2658660000
S-3L-27-1000/10	10 mm²	63 A	36	27.00 mm	5	2658670000
S-3L-27-1000/16	16 mm²	80 A	36	27.00 mm	5	2658680000

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 3L/10	10	2659000000
END CAP G+S 3L/16	10	2659600000

Single phase rails for LS, LS + HI and DO
4-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-4L-140/10 C	10 mm²	63 A	8	17.80 mm	5	2658690000
G-4L-140/16 C	16 mm²	80 A	8	17.80 mm	5	2658700000
G-4L-210/10 C	10 mm²	63 A	12	17.80 mm	5	2658710000
G-4L-210/16 C	16 mm²	80 A	12	17.80 mm	5	2658720000
G-4L-285/10 C	10 mm²	63 A	16	17.80 mm	5	2658730000
G-4L-285/16 C	16 mm²	80 A	16	17.80 mm	5	2658740000
G-4L-1000/10 C	10 mm²	63 A	56	17.80 mm	5	2658750000
G-4L-1000/16 C	16 mm²	80 A	56	17.80 mm	5	2658760000
G-4L+9-1000/10 C	10 mm²	63 A	36	17.80 mm	5	2658770000
G-4L+9-1000/16 C	16 mm²	80 A	48	17.80 mm	5	2658780000
G-1L+N-2L+N-3L+N-1000/10 C	10 mm²	63 A	54	17.80 mm	5	2658790000
G-1L+N-2L+N-3L+N-1000/16 C	16 mm²	80 A	54	17.80 mm	5	2658800000
G-1L+N+9-2L+N+9-3L+N+9-1000/10 C	10 mm²	63 A	42	17.80 mm	5	2658810000
G-1L+N+9-2L+N+9-3L+N+9-1000/16 C	16 mm²	80 A	42	17.80 mm	5	2658820000

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 4L/10	10	2659010000
END CAP G+S 4L/16	10	2659030000

Single phase rails for LS, LS + HI and DO
4-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274

Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-4L-140/10	10 mm²	63 A	8	17.80 mm	5	**2658830000**
S-4L-140/16	16 mm²	80 A	8	17.80 mm	5	**2658840000**
S-4L-210/10	10 mm²	63 A	12	17.80 mm	5	**2658850000**
S-4L-210/16	16 mm²	80 A	12	17.80 mm	5	**2658860000**
S-4L-285/10	10 mm²	63 A	16	17.80 mm	5	**2658870000**
S-4L-285/16	16 mm²	80 A	16	17.80 mm	5	**2658880000**
S-4L-1000/10	10 mm²	63 A	56	17.80 mm	5	**2658890000**
S-4L-1000/16	16 mm²	80 A	56	17.80 mm	5	**2658900000**
S-4L+9-1000/10	10 mm²	63 A	36	17.80 mm	5	**2658910000**
S-4L+9-1000/16	16 mm²	80 A	48	17.80 mm	5	**2658920000**

Accessories
End cap EK 1

Type	Qty.	Order No.
END CAP G+S 4L/10	10	**2659010000**
END CAP G+S 4L/16	10	**2659030000**

Feed-in terminals
Fork and Pin design

- Quick mounting
- Safe contact due to screw clamping
- No special tool required for crimping cable lugs
- Finger safe according to DIN EN 50274
- Universal feed directions (frontal/lateral)

FIT 25 GN

FIT 25 SN

FIT 50 GN

FIT 50 SN

FIT 50 GN/F

FIT 50 SN/F

Type	for wire cross-section	Version	Width / Height / Depth	Rated current	Qty.	Order No.
FIT 25 GN	25 mm²	Fork	13.5 / 34 / 19.5 mm	101 A	10	**2659050000**
FIT 25 SN	25 mm²	Pin	13.5 / 35.5 / 19.5 mm	101 A	10	**2659060000**
FIT 50 GN	50 mm²	Fork	17.8 / 39.7 / 27 mm	150 A	3	**2659070000**
FIT 50 SN	50 mm²	Pin	17.8 / 39.7 / 27 mm	150 A	3	**2659080000**
FIT 50 GN/F	50 mm²	Fork	17.8 / 39.7 / 27 mm	150 A	3	**2659090000**
FIT 50 SN/F	50 mm²	Pin	17.8 / 39.7 / 27 mm	150 A	3	**2659100000**

Accessories
Protection Cover for fork and pin suitable for busbars

- Busbasr type: 1 - 4 phase fork and pin
- Module width (step): 17.6 - 18 mm (individually detachable)

Type	Qty.	Order No.
PROTECTION COVER G+S /5	10	**2659040000**

C

Systemised marking
For optimised processes

Your primary expectation of a marking system is that it clearly shows how your components are configured. This includes an accurate printed image, ease of use and usability in an industrial environment. You need data entry and administration software to provide optimum support. During marker output, the speed should be adaptable to your needs. In order to provide the right marking solution for all products at all time, we have built up a unique overall system of markers, printers and software. The tailored range of products ensures precise identification throughout the whole panel – or, for short, systemised marking.

Our promise
Our harmonised system of software, markers and printers allows you to optimise processes – from entering your data to the finished marker for the individual panel configuration. You have a clear overview to allow clear identification of panel components.

More detailed information on our marking system is available at **www.weidmueller.com/marking**

Order data is available in our online catalogue.

Flexible printing on plastic and metal markers with inkjet printer
The MultiCard concept is our standard for modern, innovative identification and marking systems. With over 270 variants, it offers neutral plastic markers in a standardised card format for all Weidmüller terminal blocks and terminal blocks from other manufacturers. We also offer the appropriate marker options for the simple and quick connection of conductors, cables and devices.

Use our PrintJet CONNECT inkjet printer for quick clear labelling of large volumes. Its precise colouring and thermal fixing ensure continuous and robust identification. MetalliCard formats made of aluminium and stainless steel can also be printed just as securely. Its wide range of applications and flexibility allows this printer to provide standard-compliant and efficient marking. Depending on the requirements, it is operated either with our user-friendly planning software M-Print® PRO or as a standalone solution with saved templates using a USB stick.

Endless marking with MultiMark and the thermo-transfer printer

The MultiMark terminal markers are endless material with a special stamped pattern. This means they can be rotated easily, which is ideal for compensating tolerances in long terminal blocks. The MultiMark formats are printed using the compact, modular THM MultiMark thermo-transfer printer which offers high levels of flexibility. The optional cutting and perforation option enables the endless material to be cut to any length. This makes cutting and assigning the relevant labels very simple. The THM MultiMark is also the ideal printer when it comes to printing fabric and polyester labels, shrink sleeves and PLC labels. The major benefit: you can make all the labels in and around the panel using just one printer.

Highlight

The THM MultiMark thermo-transfer printer is a compact all-rounder with an intuitive touch-screen display and status indicator, making it easy to operate in 22 languages. Its compact design and weight of just 3.5 kg means it can also be easily used outside the workshop.

Made for professional work

One-stop shopping for quality tools

You need them for wiring and testing, for commissioning and maintenance – tools are a constant companion when it comes to panel building. They need to sit well in the hand and guarantee consistently high workmanship even after many working cycles. Our quality tools are a choice that will bring you happiness for a long time. Our range includes proficient manual tools for cutting, stripping, crimping, testing and screwing, as well as machines and accessories. From installation of the terminal blocks to installation of delicate electronic components, you can find the right tool for all applications from us.

Our promise
Weidmüller tools were developed with the aim of making your work easier, optimising working processes and thus increasing productivity in panel building. The perfect coordination of terminal blocks, wire-end ferrules and conductors guarantees the best possible working results.

Detailed information on our range of tools is available at
www.weidmueller.com/tools

Order data is available in our online catalogue.

The right quality tool for every stage of the process

Cutting
With our robust cutting tools, you can rely on smooth, straight cuts with no deformation of the conductor. Whether you need to cut copper or aluminium cables with small or large cross-sections, the mechanical drive and specific cutting shape allow really ergonomic work.

Stripping
Our precision tools specialise in stripping and sheath stripping of cables to guarantee reliable results. The wide product range is perfectly tailored to insulation and the wire cross-section and guarantees perfect wiring for all sorts of cable types.

Crimping
Our selection of crimping tools fits a wide range of conductors, wire-end ferrules and contacts. This ensures optimum processing quality in all applications. The result is stable, long-lasting connections which meet all relevant international standards and regulations.

Testing and measuring
From voltage testers through clamp-on meters, use our complete range of testing and measuring instruments for precise results. Besides the highest possible reliability for optimum application protection, the devices provide impressively easy handling.

Pliers
Our range of ESD pliers meets all national and international testing standards. The special material of the handles prevents electrostatic discharge. And the ergonomic design of the pliers allows fatigue-free work.

Screwing
High torques and optimum transfer of axial force – our manual and battery-powered torque screwdrivers enable exact, effective work with high levels of repeat accuracy. They are available in four sizes to fit all hands and requirements.

Automatic machines
Automating individual work stages such as cutting to length, stripping and crimping helps increase efficiency. With our robust, user-friendly machines for cable processing, you reduce installation times and minimise production costs.

Wire-end ferrules and cable connectors
With our wire-end ferrules and insulated cable connectors, you guarantee safe connections in the long term. We provide these accessories to match our components and tools in various versions and colour alternatives.

Highlight

Real added value for you: you can have your tools regularly tested and maintained in our in-house tool certification office. This allows you to guarantee consistent functionality and quality.

For every industry and every application

Klippon® Protect enclosure system gives safety and protection to connection solutions

Enclosures fulfil an important safety function and prove their worth every day, even under the toughest of conditions. All industries have their own specific requirements in terms of enclosure technology – from machine construction through transport and energy engineering to the process industry. With Klippon® Protect, you can choose from a wide range of universal and application-specific enclosures. These products cover all relevant approvals required for use in industrial and explosive risk zones. They are flexible enough for optimal adaptation to your requirements.

Our promise

The flexible Klippon® Protect enclosure system is the perfect addition to our Klippon® Connect range of terminal blocks. You can rely on our assembled enclosures to offer a custom fit to your requirements and provide excellent protection. Klippon® Services completes our products range with optimal support for your processes.

More detailed information on our wide range of Klippon® Protect enclosure systems can be found at **www.weidmueller.com/klipponprotect**

Universal range

The universal enclosures Klippon® Protect are made of stainless steel, aluminium, or plastic. Either one guarantees excellent protection for your assembly. With these robust enclosures, you can implement various field applications to suit your requirements. The matching system accessories enable simple integration, expansion, and customisation.

Application range

Our Klippon® Protect application range provides solutions for monitoring and safety, measurement and control technology, and power distribution. These application solutions are based on high quality and comprehensive approvals for explosive risk zones.

You can obtain distribution boxes, terminal boxes or command and signalling devices as well from a single source in a consistent enclosure design for maximal safety, reliable functionality and low follow-up costs for maintenance, replacement and storage.

Klippon® Services
Klippon® Services combines consultancy, planning, application expertise and industry know-how. You benefit from our one-stop production services. Thereby you will reduce costs, increase efficiency, and simplify quality management. We guarantee quick, qualityfocused production and order-based availability. We deliver even individually assembled products anywhere within a short time.

Configuration and ordering are simple with the Weidmüller Configurator
www.weidmueller.de/wmc

Fast Delivery

Highlight

Our Fast Delivery Service is a real highlight of our service range that offers to easily configure and request assembled terminal strips, empty or assembled enclosures with the Weidmüller Configurator WMC. The offer is provided within just a few minutes including order numbers for direct ordering - available 24/7. An order will be dispatched from Germany after just four days when a certain service level is selected. Order quantities start at one.

Environmental Product Compliance & Declaration of Conformity

When selecting and procuring materials, we apply the highest quality standards and adhere to international standards and regulations. In this way, Weidmüller, as a value-oriented company, fulfills its responsibility as an environmentally conscious company.

Quality management systems DIN EN ISO 9001
In order to always deliver first-class products, the highest level of quality assurance is essential for us. Starting with the quality management of our products based on ISO 9000 ff. through to permanent monitoring by independent institutes who monitor our production facilities, as well as quality management and our in-house laboratory. You therefore benefit from maximum reliability and durability!

RoHS
The restriction of lead and nine other potentially hazardous substances in electrical and electronic equipment is specified by the EU-DirectiveRoHS. As a value-oriented company, Weidmüller assumes its responsibility within the framework of the RoHS Directive 2011/65/EU.

China RoHS
Under the auspices of the Chinese Ministry MIIT, the new China RoHS Directive (SJ/T 11364-2014) was published on January 21, 2016. Weidmüller products are also partly subject to this directive. The new directive came into force on July 1, 2016 and is largely analogous to the EU RoHS Directive.

REACH
The European Chemical Regulation REACH stands for registration, evaluation and authorization of chemicals. As an environmentally conscious company Weidmüller takes its responsibility for communication within the supply chain and for the entire information flow within the REACH regulation.

WEEE
The sale, return and proper disposal of waste electrical and disposal of waste electrical and electronic equipment within the European the European currency area is governed by the WEEE Directive (Waste of Electrical and Electronic Equipment) 2012/19/EU. It is the aim of this directive to contribute to sustainable development in the long term.

Metals

The metals we use are selected and processed with their surfaces treated according to the latest technical knowledge. In addition, our welding area is certified in accordance with DIN EN ISO 3834-3 for fusion welding of metal-based materials.

Steels
Steel ensures mechanical stability for all our connection systems. In order to permanently maintain the contact force, the steel parts are electrogalvanised and provided with additional passivation by means of a chromate layer. The advantage of surface protection with zinc lies in the high corrosion protection effect. It is also effective for a long time, even after the zinc coating has been partially damaged by scratches or pores. Furthermore, in the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel. This protects the underlying material from attack.

Conductive substances
The current-carrying materials copper, brass and bronze are characterised by high conductivity plus good mechanical properties. The surfaces are usually coated with tin. Besides corrosion protection, this ensures high contactability, which leads to low contact resistance. Solder connections also have a tin layer. In order to guarantee long-term solderability, an additional nickel coating is applied to the brass parts as a diffusion barrier. The nickel coating provides effective protection against outward diffusion of zinc atoms from the brass.

Insulating materials

Insulating materials made of duroplasts such as gemin (KrG) and epoxy resin (EP), but also ceramics, exhibit increased dimensional stability. They are used in products for special industries with harsh environmental conditions and increased safety requirements. These include, for example, an increased continuous operating temperature, inherent flame protection, high fire resistance or also high chemical stability.

Properties Ceramic and Duroplasts

		Ceramic	Duroplasts	
Properties		**Ceramic**	**Gemin KrG**	**Epoxy resin (EP)**
Volume resistance acc. to IEC 60093	Ω x cm	-	10^{11}	10^{14}
Dielectric strength acc. to IEC 60243-1	kV/mm	> 10	10	160
Tracking resistance (A) acc. to IEC 60112	CTI	≥ 600	≥ 600	≥ 600
Upper max. permissible limit temperature	°C	250	130	160
Lower max. permissible limit temperature (static)	°C	-60	-60	-60
Flammability acc. to UL 94		V-0 (5 V-B)	V-0 (5 V-A)	V-0

Ceramic

Ceramic

Ceramic is an excellent material for electronics because it meets all requirements. Ceramic is heat resistant, water repellent, spark resistant and certified against leakage current. Thanks to its high mechanical strength, low loss factor and high heat resistance, the material has a high chemical stability and is favoured because of its minimal wear.

- Top continuous operating temperature
- High fire resistance
- Liquid-repellent
- High tracking resistance
- Inherent flame protection

Duroplasts

Duroplasts have high dimensional stability, low water absorption, extremely good tracking resistance and outstanding fire resistance. The continuous operating temperature is higher than that of thermoplastics. The deformation resistance of the duroplasts under elevated thermal load is better than for thermoplastics. A disadvantage compared with thermoplastics is the low flexibility of duroplasts.

Gemin KrG
KrG is a flame-retardant duroplast with high dimensional stability and extremely good tracking resistance.
Compared with thermoplastics, KrG absorbs only a very small amount of water from the air. This property makes it suitable for use of the terminal blocks in offshore installations or shipbuilding.

- High constant operating temperature
- High fire resistance
- High tracking resistance
- Inherent flame protection
- Halogen-free flame retardant material

Epoxy resin (EP)
Epoxy resin has extremely good tracking resistance and is also heat resistant. The special feature of the epoxy resin is its resistance to nuclear radiation. This property makes the terminal blocks suitable for use in nuclear power plants.

- Very good electrical properties
- Very high constant operating temperature
- Resistant against high-energy radiation
- Halogen and phosphorous-free flame retardant

Insulating materials

Insulating materials made of thermoplastics such as polyamide (PA) or polycarbonate (PC) are easy to process. Terminal blocks consisting of an insulating material such as polyamide or polycarbonate are used in almost every industry. They have high strength and rigidity, excellent impact strength and good abrasion and wear resistance.

Properties Thermoplastics

Thermoplastics

Properties		Wemid	Polyamid (PAGF)	Polycarbonat (PC)
Volume resistance acc. to IEC 60093	Ω x cm	10^{12}	10^{12}	10^{16}
Dielectric strength acc. to IEC 60243-1	kV/mm	25	30	≥ 30
Tracking resistance (A) acc. to IEC 60112	CTI	600	500	≥ 175
Upper max. permissible limit temperature	°C	130	100	115 / 125
Lower max. permissible limit temperature (static)	°C	-60	-50	-50
Flammability acc. to UL 94		V-0	HB	V-2 / V-0

Thermoplastics

Wemid

Wemid is a modified thermoplastic which has properties tailored to meet the requirements of our line connectors. Advantages over PA are the improved fire protection and the higher continuous operating temperature. Wemid meets the strict requirements for use in railway vehicles acc. to NF F 16-101.

- Higher continuous operating temperature
- Improved fire resistance
- Halogen- and phosphorous-free flame retardant
- Low smoke produced in the event of fire
- Permitted for use in railway applications acc. to NF F 16-101

Polyamide (PAGF)
Glass-fibre reinforced polyamide (PAGF) offers outstanding dimensional stability and very good mechanical properties. This makes a difference when used as an end bracket. As compared to non-reinforced PA, this material has flammability rating HB according to UL 94.

- Excellent dimensional stability
- Very good mechanical characteristics
- Halogen-free flame retardant material

Polycarbonate (PC)
Polycarbonate (PC) offers excellent dimensional stability and extremely good mechanical properties. Compared to polyamides, polycarbonate has a higher specific resistance. These properties are particularly suitable for large terminal blocks or terminal blocks with closely spaced potentials.

- High dimensional stability
- High continuous operating temperature
- High electrical insulation properties
- Halogen-free flame retardant material

Relevant standards – an overview

Standards have the status of a recommendation and are not legally binding. They serve to ensure the safety of systems and represent the acknowledged state of the art. We therefore always recommend compliance with the contents – irrespective of agreements and customer requirements.

The Low Voltage Directive IEC/EN 61439

Since November 2014, IEC/EN 61439 has replaced the previously applicable standard IEC/EN 60439 for low-voltage switchgear and controlgear assemblies. It comprises seven parts:

1. General rules for low-voltage switchgear and controlgear assemblies (SCA)
2. Power switchgear and controlgear assemblies (PSC)
3. Distribution boards
4. Assemblies for construction sites
5. Cable distribution cabinets
6. Busbar distribution systems
7. Assemblies for marinas, camping sites, electric vehicles charging stations (preliminary standard)

In order to confirm compliance with IEC/EN 61439, it is important that you always refer to Part 1 and one of the following parts. The standard is addressed to every manufacturer and operator of switchgear and controlgear assemblies (SCA) up to 1,000 V AC and 1,500 V DC. Irrespective of whether you assemble the SCA stationary or mobile, with or without enclosure system.

The low-voltage switchgear standard IEC/EN 60947-1

This standard applies for industrial low-voltage switchgear assemblies used in circuits up to 1,000 V AC or 1,500 V DC. It defines the general rules and requirements for low-voltage switchgear assemblies. This includes, for example, the definition, characteristic features, information to be supplied, normal conditions for operation, installation and transport as well as requirements for the construction and verification of characteristic features and behaviour.

Interaction between the standards

IEC/EN 61439 for switchgear and controlgear assemblies

With the withdrawal of the previous version on 23 September 2014, the DIN EN 61439: 20 0-06 standard for "Low-voltage switchgear and controlgear assemblies" – Part 1: General rules became binding for the switchgear and controlgear assemblies defined. This standard includes a series of changes that you have to consider as a switchgear manufacturer. However, these changes have no direct influence on the components, such as terminal blocks, which have to comply with the relevant product standard.

The importance of DIN EN 61439 for components

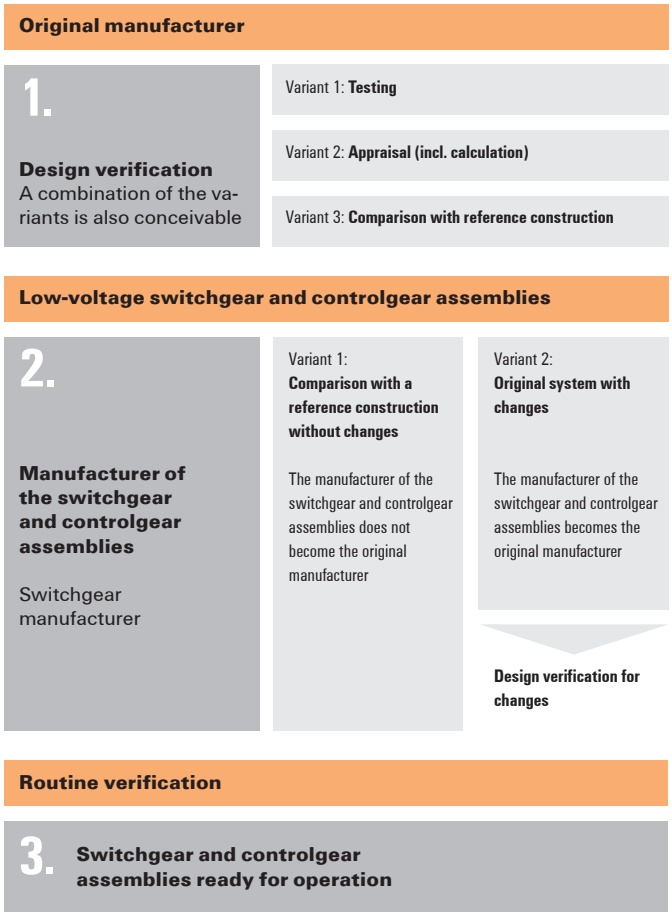
Components that meet the requirements of the applicable product standard are suitable for direct use in switchgear systems. They must, however, take the definitions of standard series DIN EN 61439 into consideration.

The properties required from DIN EN 61439-1 are covered by the product standard for terminal blocks EN 60947-7-1(2, 3). As an aid for the required design verification for switchgear and controlgear assemblies, the following table provides you with further information on terminal blocks. Additional design verification is not required for individual items of equipment or components.

Summarised

- IEC/EN 61439 is a new series of standards for the construction of switchgear and controlgear systems
- With the design verification, you as the manufacturer provide evidence for the suitability of the system
- You still confirm conformity with the standard by signing the EC Declaration of Conformity

Low-voltage switchgear and controlgear assembly



Guidelines for the construction of a switchgear and controlgear assemblies in accordance with the standard

Checklist design verification according to IEC/EN 61439

Design verification for terminal blocks and their accessories

Nr.	Characteristics to be proved	Section	Adaptability for terminal blocks
1	Strength of material and parts:	10.2	
	• Corrosion resistance	10.2.2	The requirements refer exclusively to cabinets for switchgear.
	properties of insulation material:	10.2.3	Terminal blocks are designated for the installation in appropriate cabinets.
	• Thermal stability	10.2.3.1	
	• Resilience to extreme heat and fire due to internal electrical effects	10.2.3.2	The requirements refer exclusively to parts of the switchgear and controlgear assembly. Inserted components like terminal blocks are not affected.
	• Resistance to UV radiation	10.2.4	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Lifting	10.2.5	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Impact test	10.2.6	Terminal blocks are designated for the installation in cabinets, thus not relevant
	• Marking	10.2.7	Terminal blocks bear the inscriptions, like it is determined in section 5 of the product standard.
2	Degree of protection and enclosures	10.3	Terminal blocks are designated for the installation in cabinets, thus not relevant
3	Clearances	10.4	The required clearances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).
4	Creepage distances	10.4	The required creepage distances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).
5	• Protection against electric shock and integrity of protective circuits	10.5	Covered by the type test for modular PE conductor terminals according to EN 60947-7-2. The quality and consistency of the PE conductor connection has to be verified by resistance
	• Effective continuity between the exposed conductive parts of the assembly and the protective circuit	10.5.2	measurement at the end use.
	• Short-circuit withstand strength of the protective circuit	10.5.3	Not relevant, has to be judged in the end use. PE conductor terminals are subjected to a test of short-time withstand current in the context of the type test according to EN 60947-7-2.
6	Installation of equipment	10.6	Installation and tight fit of terminal blocks is secured by the requirements and relevant tests according to the product standard.
7	Internal circuits and connections	10.7	Not relevant, has to be judged in the end use for terminal blocks.
8	Connections for conductors inserted from outside	10.8	Secured by selection of the terminal block as well as its type test according to EN 60947-7-1(2). The final assessment has to be made in the end use.
9	Insulation properties:	10.9	Tests to the insulation properties are part of the dimensioning of type tested terminal blocks
	• Operating frequency dielectric strength	10.9.2	according to EN 60947-7-1(2).
	• Surge voltage strength	10.9.3	The verification for the switchgear and controlgear assembly takes place in the end use for the terminal blocks.
10	Temperature rise limits	10.10	The rated values for terminal blocks according to EN 60947-1(2 ,3) can be used for the dimensioning of the temperature rise limits. The verification has to be provided for the respective application, e.g. by measurement or calculation. The calculation of the terminal block's power dissipation can take place in the application by means of the electrical resistance as a function of current: $P_{loss} = R_{max} * I^2$

Following maximum resistances per electrical potential according to EN 60947-7-1(2, 3) subject to the cross section for the terminal block are permitted:

Cross section/mm²	1.5	2.5	4	6	10	16	25	35
Electrical resistance/mΩ	1.83	1.33	1.00	0.78	0.56	0.42	0.32	0.26

Cross section/mm²	50	70	95	120	150	185	240	300
Electrical resistance/mΩ	0.21	0.17	0.14	0.12	0.10	0.09	0.08	0.06

11	Short-circuit withstand strength	10.11	**For cross sections up to 35 mm²** In sectors after current-limiting (5ms) protections devices <100 A (fort Icp <10 kA) At an unaffected short-circuit current of the grid Icp <=10 kA (in front of the switchgear), a forward current ID with maximum 17 kA will arise with an upstream protection device. According to the section 10.11.2 of EN 61439-1, the switchgear manufacturer does not have to provide evidence in this case. This requirement is fulfilled by protection devices up to 100 A equipment (application of up to 35 mm² terminal blocks). **For cross sections from 50 mm²** In sectors after current-limiting (5 ms) protection devices <=630 A (Icp >10 kA) At an unaffected short-circuit current of the grid Icp >10 kA (in front of the switchgear), a forward current ID will flow of up to the period of 5 ms with an upstream protection device. The switchgear manufacturer has to provide evidence for the maximum forward current ID by declaration of the terminal block's Ipk (surge current strength, which the terminal block is able to conduct without being destroyed).
12	Electromagnetic compatibility	10.12	Not relevant, because terminal blocks are seen as passive components according to the product standard EN 60947-7-1(2, 3).
13	Mechanical operation	10.13	Not relevant

Technical requirements from the standards

Rated cross-section
The rated cross-section of a terminal block is the value of the connectable wire cross-section, as specified by the manufacturer. This serves as a reference for certain thermal, mechanical and electrical requirements. The rated cross-section is selected from the following standard cross-sections: 0.2 – 0.5 – 0.75 – 1.0 – 1.5 – 2.5 – 4.0 – 6.0 – 10 – 16 – 25 – 35 – 50 – 70 – 95 – 120 – 150 – 240 – 300 mm^2.

Terminal blocks have a rated connection capacity that is at least two levels lower than the rated cross-section. The conductors can be solid, stranded or flexible, possibly with conductor end pretreatment. The verification of the rated cross-section is performed with gauges according to IEC 60947-1.

Rated current IEC 60947-7-1
Test currents are assigned to the rated cross-sections according to IEC 60947-7-1. These rated currents cause no impermissible heat transfer to the terminal:

mm^2	1.5	2.5	4.0	6.0
A	17.5	24	32	41

mm^2	10	16	25	35
A	57	76	101	125

mm^2	50	70	95	120
A	150	192	232	269

mm^2	150	185	240	300
A	309	353	415	520

Conventional free-air thermal current (Ith)
The conventional thermal current in free air (Ith) is the highest test current for heating tests of unenclosed devices (see 4.3.2.1 of IEC 60947-1.) This applies exclusively to terminal blocks with multiple connection levels (multi-tier terminals) and to test-disconnect terminal blocks for which current reduction is permissible.

Rated voltage IEC 60947-7-1
The rated voltage of a terminal block is the rated insulation voltage to which the insulation tests and creepage distances relate. It is determined analogously to IEC 60664-1.

Rated impulse withstand voltage IEC 60947-7-1
Rated impulse withstand voltage is the peak value of a surge voltage with which the terminal blocks can be subjected. The clearance distances in IEC 60947-1 and IEC 60664-1 are related to it.

Pollution severity IEC 60947-7-1
The pollution severity defines the influence of solid, liquid or gaseous foreign matter, which may reduce the dielectric strength or the specific surface resistance. Pollution severity 3 has been specified for terminal blocks for industrial applications: conductive contamination occurs on dry, non-conductive contamination which becomes conductive as moisture condensation may also occur. The minimum air clearance measurement is defined in IEC 60947-7-1 in conjunction with the rated surge voltage.

Operating conditions
The terminal blocks can be operated under the following normal conditions:
- Ambient temperature –5 °C to +40 °C, mean value 24 h +35 °C
- Altitude up to 2000 m above sea level
- Relative humidity: 50 % at +40 °C, 90 % at +20 °C

Testing the contact security

Construction requirements
IEC 60947-7-1 requires that clamping points must ensure a reliable mechanical and electrical connection with permanent contact.

Tests
Standardised tests offer you the assurance that wired connections comply with the required conditions. IEC 60947-7-1 stipulates a series of tests for wire connections in terminal blocks. One or more terminals of a particular type are tested for agreement with certain limit values. These include:

- Insulation test
- Evidence of the voltage drop
- Testing of the short-time withstand current capacity
- Aging testing for terminal blocks with tension clamp, insulation displacement and PUSH IN connection technology

Special testing
Beyond the stipulated scope of type testing, further tests can be performed at your own discretion or in agreement with the user.

Contact security
The high level of contact security and reliability are verified with our systems using various tests (see table).

1 Type testing acc. to IEC 60947-7-1

2 Stricter Weidmüller tests
2.1 Mechanical tests:
- Vibration testing to Weidmüller requirements
- Natural resonance characteristics acc. to IEC 60068-2-6
- Shock and vibration testing acc. to BV 0440/... and BV 0430/

2.2 Environmental testing:
- Cold testing acc. to EN 60068-2-1
- Damp heat (steady state) acc. to IEC 60512-6 test 11c
- Damp heat (steady state) acc. to IEC 60068-2-30
- Damp heat (cyclic) acc. to IEC 60068-2-30
- Salt spray testing acc. to IEC 60068-2-11
- Sulphur dioxide SO2 acc. to IEC 60068-2-42
- Hydrogen sulphide H2S acc. to IEC 60068-2-43
- Gas tightness acc. to IEC 605 12_6_PR 11n

3 National and international approvals

4 Practice, i.e. the use of systems in harsh areas of application in industry, e.g. Ex applications

Protection against inadvertent, direct touching, of hazardous live parts

Back of hand safety according to EN 61032
Back of hand safety is satisfied if, according to EN 61032, a sphere of diameter 50 (+0.01) mm with a force of 50 (±5) N does not touch any hazardous parts.

Actuation conditions according to IEC 60947-7-3
IEC 60947-7-3 paragraph 7.1.8 specifies that fuse terminal blocks must be constructed in such a way that live parts cannot be touched. Finger safety for live parts of the cartridge fuse must be maintained while the cartridge fuse is replaced. If it is necessary to maintain protection against electric shock, label with “line-load” or arrows that indicate the energy flow direction.

In general:
Not all installation components have to be configured touch-safe, as in the example of terminal blocks.
A touch-safe construction is only required if these components are arranged in a direct radius of 30 mm around the operation elements and the system cannot be insulated (exception allowed on the basis of the construction using accessories in each case).

Principles for the use of terminal blocks in Ex-areas

Harsh industrial environments and explosive risk zones, such as in the oil and gas industry, make extreme demands on safety, robustness and quality of products and devices. Numerous standards describe what has to be considered in Ex environments. They serve as the basis for extensive approvals.

Explosion protection
Worldwide, explosion protection is essentially based on the international IEC 60079 series of standards, European and American norms, standards, and directives. In the USA, the National Electrical Code (NEC) and in Canada the Canadian Electrical Code (CEC) form the basis.
For the CENELEC countries of the European Community and beyond, Directive 2014/34/EU is of central importance for manufacturers of equipment and protective systems. The worldwide requirements are confirmed by certification according to IECEx. Thus, the application is approved in the type of protection „Increased Safety“ Ex e in Zone 1 and 2.

Terminal blocks in the Ex environment
According to EN IEC 60079-0, Ex terminal blocks are so-called Ex components. By definition, these are components that are required for the safe operation of devices and protective systems, but without performing an autonomous function themselves. They are approved for the type of protection equipment increased safety „e“ and are not marked with the CE mark according to the European ATEX directives 2014/34/ EU.

Accessories
The accessories you can use is listed in the Ex-certificates. To adhere to the creepage and clearance distances for Ex e, use terminations and partition plates. Terminal blocks for intrinsically-safe circuits “i” are passive components. Therefore, for use in intrinsically-safe circuits, you do not need a type examination certificate. We recommend blue terminals for clear identification and easy recognition. These, as well as the accessories, have to comply with the type according to EN 60079-11.

Issue of type examination certificate
Notified bodies issue EU type examination certificates in accordance with EN IEC 60079-0; EN IEC 60079-7 and the ATEX Directive. By issuing the Production Quality Assurance Notification, a notified body confirms that the requirements of the ATEX Directive according to Annexes IV and VII are met.

Requirements for terminal blocks for type of protection increased safety Ex eb
The type of protection Increased Safety "Ex eb" (IEC/EN 60079-7) is based on the principle of more stringent design measures.
The elementary points for terminal blocks are:
- Increased requirements for self-heating compared to industry standard
- Compliance of clearance and creepage distances (eb)
- The terminal block must be inserted or protected in such a way that the connection can neither become loose nor be damaged inadmissibly by the clamping point

The above points and the technical data are tested by an independent testing institute (DEKRA, PTB, TÜV...) and certified by the certificate.

The following tests must be verified by the type examination or serve as a basic requirement for an IEC Ex application:
- Type testing according to IEC 60947-7-1/-2/-3
- Verification and documentation of clearance and creepage distances
- Ageing test:
  - 14 days storage at 95 °C and 95 % humidity
  - Further 14 days at dry heat Level of the TI value of the insulating material
  - 24 hours cold storage at -65 °C (for PA66) with subsequent conductor pull-out test

Depending on the type of protection, the terminal blocks are approved for increased safety „eb" or „ec" and thus for installation in Zone 1 or Zone 2. This applies provided that the terminal blocks are installed in a terminal box.
Terminal boxes must also have the ignition protection type device protection for increased safety Ex e and must at least correspond to protection type IP54.
The installation instructions must be taken into account in the application.

Ex eb

Principles for the use of terminal blocks in Ex-areas

Requirements for terminal blocks for type of protection Equipment protection Intrinsic safety Ex i

For applications with type of protection equipment intrinsic safety Ex i, no separate approval is required for terminal blocks. In addition to the Ex e approved terminal blocks, other standard terminal blocks can also be used, whereby the following more stringent spacing requirements apply in the Ex i area:

- Between conductor entries adjacent terminals
- Between conductor entries and grounded metal parts
- Increased requirements for clearances due to solid insulation

Requirements for terminal blocks for type of protection Ex ec

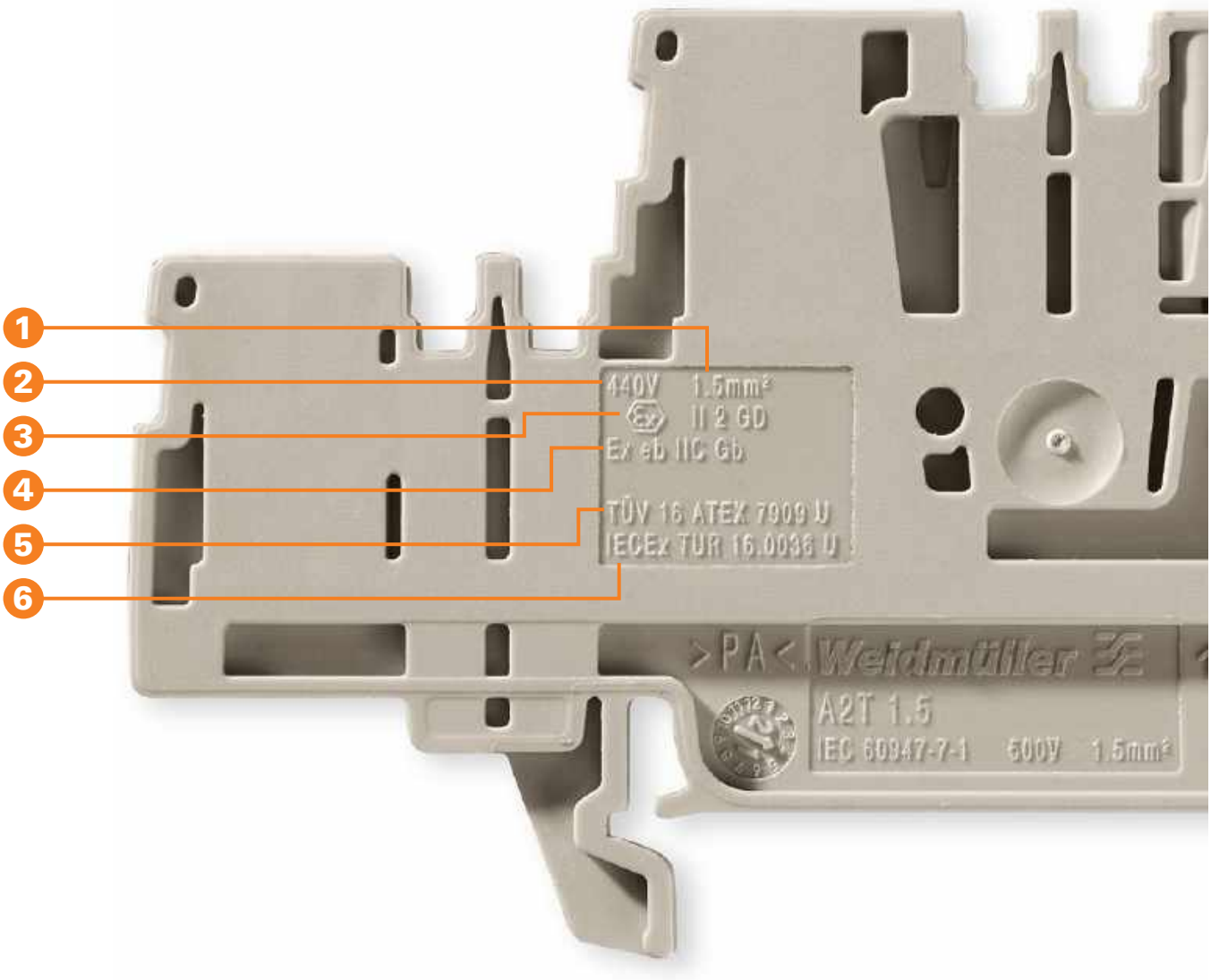
When test disconnect terminal blocks or fuse terminal blocks are used, they must have approval for the type of protection for equipment protection increased safety Ex ec. In this case, increased requirements apply to the terminal blocks and their functional units. For example, all disconnectable elements must have a release force greater than 15 N or 100 times their own weight to prevent unintentional opening.

Further approvals and guidelines for the explosion protected areas

Other national and international approvals and directives are based on the IECEx approval. For example, ATEX for the European market, CCC Ex for the Chinese market, KC for the South Korean market or EAC Ex for the Eurasian Economic Union, which includes Russia, Belarus, Kazakhstan, Kyrgyzstan and Armenia.

Labeling of terminal blocks in Ex areas
The explosion-protected equipment must be marked in such a way that it is used correctly according to its safety-related properties. For terminal blocks of the type of protection increased safety „e“ there is a marking obligation. This marking of the equipment is laid down in IEC/EN 60079 Part 0 and Part 7. The exemplary marking of a terminal block can be seen in the following illustrations.

1. **Rated cross section**
2. **Rated voltage**
3. **ATEX label**
4. **Type of protection label**
5. **ATEX certificate number**
6. **IECEx certificate number**



Service and support

Service and support	Service connects – worldwide	V.2
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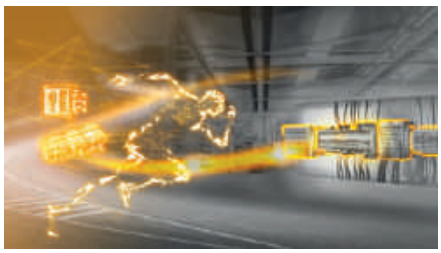

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- You want to use your digital data for smart & scalable services?
- You want to offer digital services (such as customised dashboard) to your customers?
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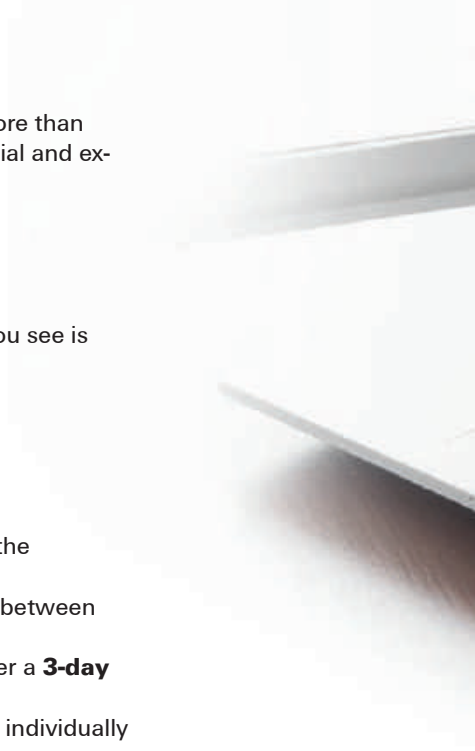
From the idea to the finished solution

Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering



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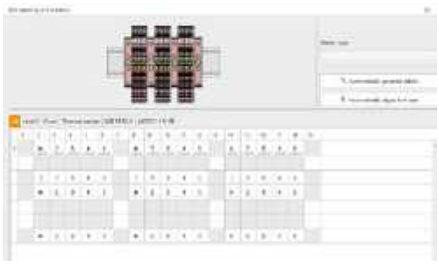

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A2T 2.5 FT-PE DL	2675130000	A.101
A2T 2.5 N-FT	2723370000	A.35
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A2T 2.5 VL BL	1547660000	A.35
A2T 2.5 VL DL	2675140000	A.101
A2T 2.5 VL DL BL	2815620000	A.101
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A2T 4 DT-FT	2831520000	A.64
A2T 4 DT-FT	2831520000	A.71
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A2T 4 DT-FT-PE	2831530000	A.63
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A2T 4 DT-FT-PE	2831530000	A.71
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A2T 4 FS-FT 10-36V BK	2816970000	A.64
A2T 4 FS-FT 100-250V BK	2817000000	A.64
A2T 4 FS-FT 30-70V BK	2816980000	A.64
A2T 4 FS-FT 60-150V BK	2816990000	A.64
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A3C 1.5	1552740000	A.105
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A3C 1.5 BL	1552770000	A.16
A3C 1.5 BL	1552770000	A.118
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A3C 1.5 DL BL	2674640000	A.101
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A3C 1.5 OR	1552780000	A.118
A3C 1.5 PE	1552670000	A.46
A3C 1.5 PE	1552670000	A.105
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A3C 10 DL BL	2674980000	A.101
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A3C 2.5 BL	1521780000	A.118
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ADT 2.5 2C DL BL	2675220000	A.102
ADT 2.5 2C W/O DTLV	1989930000	A.66
ADT 2.5 3C	1989830000	A.67
ADT 2.5 3C	1989830000	A.105
ADT 2.5 3C BL	1989840000	A.67
ADT 2.5 3C W/O DTLV	1989940000	A.68
ADT 2.5 4C	1989860000	A.68
ADT 2.5 4C	1989860000	A.105
ADT 2.5 4C BL	1989870000	A.68
ADT 2.5 4C DL	2675230000	A.102
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ADT 4 2C	2429850000	A.69
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AEP 3C 10/16	2490530000	A.26
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AEP 3C 10/16 BL	2490540000	A.26
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APG 6/3 MBB	2762340000	B.143
APG 6/3 MBB	2762340000	B.146
APG 6/4	2829060000	B.143
APGCE	1514490000	A.84
APGCE	1514490000	A.85
APGCE	1514490000	A.86
APGCE	1514490000	A.89
APGCE	1514490000	A.320
APGCE	1514490000	A.321
APGCE	1514490000	A.324
APGCE	1514490000	B.142
APGCE	1514490000	B.147
APGLE 1.5	2482720000	A.84
APGLE 1.5	2482720000	A.86
APGLE 1.5	2482720000	A.89
APGLE 2.5/4	2457570000	A.84
APGLE 2.5/4	2457570000	A.85
APGLE 2.5/4	2457570000	A.86
APGLE 2.5/4	2457570000	A.89
APGLE 2.5/4	2457570000	A.320
APGLE 2.5/4	2457570000	A.321
APGLE 2.5/4	2457570000	A.324
APGLE 6	2762400000	B.142
APGLE 6	2762400000	B.147
APGPC 1.5	2482530000	A.84
APGPC 1.5	2482530000	A.86
APGPC 1.5	2482530000	A.89
APGPC 2.5	1514500000	A.84
APGPC 2.5	1514500000	A.86
APGPC 2.5	1514500000	A.89
APGPC 4	2540960000	A.85
APGPC 4	2540960000	A.89
APGPC 6	2762410000	B.142
APGPC 6	2762410000	B.146
APGSR 1.5	2482730000	A.84
APGSR 1.5	2482730000	A.86
APGSR 1.5	2482730000	A.88
APGSR 1.5 - 4P	2482740000	A.84
APGSR 1.5 - 4P	2482740000	A.86
APGSR 1.5 - 4P	2482740000	A.88
APGSR 1.5 - 8P	2482750000	A.84
APGSR 1.5 - 8P	2482750000	A.86
APGSR 1.5 - 8P	2482750000	A.88
APGSR 2.5/4	2457580000	A.84
APGSR 2.5/4	2457580000	A.85
APGSR 2.5/4	2457580000	A.86
APGSR 2.5/4	2457580000	A.88
APGSR 2.5/4	2457580000	A.320
APGSR 2.5/4	2457580000	A.321
APGSR 2.5/4	2457580000	A.325
APGSR 2.5/4 - 4P	2457590000	A.84
APGSR 2.5/4 - 4P	2457590000	A.85
APGSR 2.5/4 - 4P	2457590000	A.86
APGSR 2.5/4 - 4P	2457590000	A.88
APGSR 2.5/4 - 4P	2457590000	A.325
APGSR 2.5/4 - 8P	2457600000	A.84
APGSR 2.5/4 - 8P	2457600000	A.85
APGSR 2.5/4 - 8P	2457600000	A.86
APGSR 2.5/4 - 8P	2457600000	A.88
APGSR 2.5/4 - 8P	2457600000	A.325
APGSR 6	2762390000	B.142
APGSR 6	2762390000	B.147
APGTB 1.5 2T 4C/2	2485840000	A.74
APGTB 1.5 2T 4C/2	2485840000	A.105
APGTB 1.5 2T 4C/2 BL	2485850000	A.74
APGTB 1.5 2T 4C/2 DL	2675770000	A.102
APGTB 1.5 2T 4C/2 DL BL	2675780000	A.102
APGTB 1.5 2T FT-PE 4C/2	2485860000	A.75
APGTB 1.5 2T FT-PE 4C/2 DL	2675790000	A.102
APGTB 1.5 2T PE 4C/2	2485870000	A.75
APGTB 1.5 2T PE 4C/2	2485870000	A.105
APGTB 1.5 2T PE 4C/2 DL	2675800000	A.102
APGTB 1.5 2T VL 4C/2	2485920000	A.75
APGTB 1.5 2T VL 4C/2 BL	2485930000	A.75
APGTB 1.5 2T VL 4C/2 DL	2675810000	A.102
APGTB 1.5 FT 2C/1	2482160000	A.72
APGTB 1.5 FT 2C/1	2482160000	A.105
APGTB 1.5 FT 2C/1 BL	2482170000	A.72
APGTB 1.5 FT 2C/1 DL	2675680000	A.102
APGTB 1.5 FT 2C/1 DL BL	2675690000	A.102
APGTB 1.5 FT 3C/1	2482180000	A.73
APGTB 1.5 FT 3C/1	2482180000	A.105
APGTB 1.5 FT 3C/1 BL	2482190000	A.73
APGTB 1.5 FT 3C/1 DL	2675710000	A.102
APGTB 1.5 FT 3C/1 DL BL	2675720000	A.102
APGTB 1.5 FT 4C/2	2482200000	A.73
APGTB 1.5 FT 4C/2	2482200000	A.105
APGTB 1.5 FT 4C/2 BL	2482210000	A.73
APGTB 1.5 FT 4C/2 DL	2675740000	A.102
APGTB 1.5 FT 4C/2 DL BL	2675750000	A.102
APGTB 1.5 PE 2C/1	2482220000	A.72
APGTB 1.5 PE 2C/1	2482220000	A.105
APGTB 1.5 PE 2C/1 DL	2675700000	A.102
APGTB 1.5 PE 3C/1	2482230000	A.73
APGTB 1.5 PE 3C/1	2482230000	A.105
APGTB 1.5 PE 3C/1 DL	2675730000	A.102
APGTB 1.5 PE 4C/2	2482240000	A.74
APGTB 1.5 PE 4C/2	2482240000	A.105
APGTB 1.5 PE 4C/2 DL	2675760000	A.102
APGTB 2.5 2T 4C/2	1548060000	A.78
APGTB 2.5 2T 4C/2	1548060000	A.105
APGTB 2.5 2T 4C/2 BL	1548070000	A.78
APGTB 2.5 2T 4C/2 DL	2675910000	A.102
APGTB 2.5 2T 4C/2 DL BL	2675920000	A.102
APGTB 2.5 2T FT-PE 4C/2	1548130000	A.79
APGTB 2.5 2T FT-PE 4C/2 DL	2675930000	A.102
APGTB 2.5 2T PE 4C/2	1548160000	A.79
APGTB 2.5 2T PE 4C/2	1548160000	A.105
APGTB 2.5 2T PE 4C/2 DL	2675940000	A.102
APGTB 2.5 2T VL 4C/2	1548140000	A.79
APGTB 2.5 2T VL 4C/2 BL	1548150000	A.79
APGTB 2.5 2T VL 4C/2 DL	2675950000	A.102
APGTB 2.5 FT 2C/1	1513970000	A.76
APGTB 2.5 FT 2C/1	1513970000	A.105
APGTB 2.5 FT 2C/1 BL	1513990000	A.76
APGTB 2.5 FT 2C/1 DL	2675820000	A.102
APGTB 2.5 FT 2C/1 DL BL	2675830000	A.102
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APGTB 2.5 FT 3C/1	1514000000	A.105
APGTB 2.5 FT 3C/1 BL	1514020000	A.77
APGTB 2.5 FT 3C/1 DL	2675850000	A.102
APGTB 2.5 FT 3C/1 DL BL	2675860000	A.102
APGTB 2.5 FT 4C/2	1514030000	A.77
APGTB 2.5 FT 4C/2	1514030000	A.105
APGTB 2.5 FT 4C/2 BL	1514040000	A.77
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APGTB 2.5 FT 4C/2 DL BL	2675890000	A.102
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APGTB 2.5 PE 2C/1 DL	2675840000	A.102
APGTB 2.5 PE 3C/1	1513890000	A.77
APGTB 2.5 PE 3C/1	1513890000	A.105
APGTB 2.5 PE 3C/1 DL	2675870000	A.102
APGTB 2.5 PE 4C/2	1513920000	A.78
APGTB 2.5 PE 4C/2	1513920000	A.105
APGTB 2.5 PE 4C/2 DL	2675900000	A.102
APGTB 4 2T 4C/2	2540230000	A.82
APGTB 4 2T 4C/2 BL	2540250000	A.82
APGTB 4 2T 4C/2 DL	2676050000	A.102
APGTB 4 2T 4C/2 DL BL	2676060000	A.102
APGTB 4 2T FT-PE 4C/2	2540290000	A.83
APGTB 4 2T FT-PE 4C/2 DL	2676070000	A.102
APGTB 4 2T PE 4C/2	2540300000	A.83
APGTB 4 2T PE 4C/2 DL	2676080000	A.102
APGTB 4 2T VL 4C/2	2540260000	A.83
APGTB 4 2T VL 4C/2 BL	2540270000	A.83
APGTB 4 2T VL 4C/2 DL	2676090000	A.102
APGTB 4 FT 2C/1	2540050000	A.80
APGTB 4 FT 2C/1 BL	2540060000	A.80
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APGTB 4 FT 2C/1 DL BL	2675970000	A.102
APGTB 4 FT 3C/1	2540070000	A.81
APGTB 4 FT 3C/1 BL	2540080000	A.81
APGTB 4 FT 3C/1 DL	2675990000	A.102
APGTB 4 FT 3C/1 DL BL	2676000000	A.102
APGTB 4 FT 4C/2	2540090000	A.81
APGTB 4 FT 4C/2 BL	2540100000	A.81
APGTB 4 FT 4C/2 DL	2676020000	A.102
APGTB 4 FT 4C/2 DL BL	2676030000	A.102
APGTB 4 PE 2C/1	2540110000	A.80
APGTB 4 PE 2C/1 DL	2675980000	A.102
APGTB 4 PE 3C/1	2540170000	A.81
APGTB 4 PE 3C/1 DL	2676010000	A.102
APGTB 4 PE 4C/2	2540180000	A.82
APGTB 4 PE 4C/2 DL	2676040000	A.102
APP 1	2488970000	A.105
APP 2	2489090000	A.105
APP 3	2489100000	A.105
APP 4	2489110000	A.105
APP ITB 16 BB 2C/NDT BL	2668890000	B.279
APP ITB 16 BB 2C/NDT BL	2668890000	B.281
APP ITB 16 BB 2C/NDT BL	2668890000	B.283
APP ITB 2.5 BB 2C/NDT BL	2668870000	B.278
APP ITB 2.5 BB 2C/NDT BL	2668870000	B.280
APP ITB 2.5 BB 2C/NDT BL	2668870000	B.282
APP ITB 2.5 BB BL	2668970000	B.284
APP ITB 2.5 BB BL	2668970000	B.285
APP ITB 2.5 BB BL	2668970000	B.286
APP ITB 2.5 BB BL	2668970000	B.287
APP ITB 2.5 BB BL VI	2881640000	B.284
APP ITB 2.5 BB BL VI	2881640000	B.285
APP ITB 2.5 BB BL VI	2881640000	B.286
APP ITB 2.5 BB BL VI	2881640000	B.287
APP ITB 4 BB BL	2669120000	B.288
APP ITB 4 BB BL	2669120000	B.289
APP ITB 4 BB BL VI	2881650000	B.288
APP ITB 4 BB BL VI	2881650000	B.289
APP ITB 6 BB 2C/NDT BL	2668880000	B.278
APP ITB 6 BB 2C/NDT BL	2668880000	B.280
APP ITB 6 BB 2C/NDT BL	2668880000	B.282
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ATPG 1.5 MI-R	1991880000	A.17
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ATPG 1.5 MI-R	1991880000	A.33
ATPG 1.5 MI-R	1991880000	A.40
ATPG 1.5 MI-R	1991880000	A.41
ATPG 1.5 MI-R	1991880000	A.46
ATPG 1.5 MI-R	1991880000	A.47
ATPG 1.5 MI-R	1991880000	A.56
ATPG 1.5 MI-R	1991880000	A.59
ATPG 1.5 MI-R	1991880000	A.115
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ATPG 1.5 MI-R	1991880000	B.185
ATPG 1.5 MI-R	1991880000	B.297
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ATPG 1.5-10 L	1991890000	A.16
ATPG 1.5-10 L	1991890000	A.17
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ATPG 1.5-10 L	1991890000	A.42
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ATPG 10 MI-R	1991870000	A.25
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ATPG 2.5 MI-R	1991960000	A.6
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ATPG 2.5 MI-R	1991960000	A.17
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ATPG 2.5 MI-R	1991960000	A.36
ATPG 2.5 MI-R	1991960000	A.37
ATPG 2.5 MI-R	1991960000	A.42
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ATPG 2.5/3	2041190000	A.6
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ATPG 2.5/3	2041190000	A.36
ATPG 2.5/3	2041190000	A.37
ATPG 2.5/3	2041190000	A.42
ATPG 2.5/3	2041190000	A.43

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ATPG 2.5/3	2041190000	A.47
ATPG 2.5/3	2041190000	A.48
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ATPG 2.5/5	2041180000	A.67
ATPG 2.5/5	2041180000	A.68
ATPG 2.5/5	2041180000	A.69
ATPG 2.5/5	2041180000	A.103
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ATPG 2.5/5	2041180000	B.257
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ATPG 2.5/5	2041180000	B.284
ATPG 2.5/5	2041180000	B.285
ATPG 2.5/5	2041180000	B.286
ATPG 2.5/5	2041180000	B.287
ATPG 4 MI-R	1991860000	A.7
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ATPG 4 MI-R	1991860000	A.12
ATPG 4 MI-R	1991860000	A.19
ATPG 4 MI-R	1991860000	A.20
ATPG 4 MI-R	1991860000	A.21
ATPG 4 MI-R	1991860000	A.38
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ETA 1180 01 3A	1278990000	A.190
ETA 1180 01 4A	1279020000	A.188
ETA 1180 01 4A	1279020000	A.190
ETA 1180 01 5A	1279030000	A.188
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ETA 1180 01 6A	1279040000	A.188
ETA 1180 01 6A	1279040000	A.190
ETA 1180 01 7A	1279050000	A.188
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ETA 1180 01 8A	1279060000	A.188
ETA 1180 01 8A	1279060000	A.190
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EW 15	0382860000	A.242
EW 15	0382860000	A.244
EW 15	0382860000	A.262
EW 15	0382860000	A.272
EW 15	0382860000	A.273
EW 15	0382860000	A.274
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EW 35	0383560000	B.191
EW 35	0383560000	B.192
EW 35	0383560000	B.193
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FEKO ZRV2.5 0.2-0.35	1854750000	A.207
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FUCR 10-36V SW	1167640000	B.223
FUCR 10-36V SW	1167640000	B.224
FUCR 10-36V SW	1167640000	B.225
FUCR 10-36V SW	1167640000	B.228
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FUCR SW	1167630000	B.220
FUCR SW	1167630000	B.221
FUCR SW	1167630000	B.222
FUCR SW	1167630000	B.223
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G 20/0.20A/F	0430400000	A.191
G 20/0.20A/F	0430400000	A.304
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G 20/0.25A/F	0430500000	A.62
G 20/0.25A/F	0430500000	A.63
G 20/0.25A/F	0430500000	A.64
G 20/0.25A/F	0430500000	A.177
G 20/0.25A/F	0430500000	A.178
G 20/0.25A/F	0430500000	A.179
G 20/0.25A/F	0430500000	A.182
G 20/0.25A/F	0430500000	A.184
G 20/0.25A/F	0430500000	A.186
G 20/0.25A/F	0430500000	A.187
G 20/0.25A/F	0430500000	A.191
G 20/0.25A/F	0430500000	A.284
G 20/0.25A/F	0430500000	A.285
G 20/0.25A/F	0430500000	A.286
G 20/0.25A/F	0430500000	A.287
G 20/0.25A/F	0430500000	A.289
G 20/0.25A/F	0430500000	A.290
G 20/0.25A/F	0430500000	A.293
G 20/0.25A/F	0430500000	A.299
G 20/0.25A/F	0430500000	A.300
G 20/0.25A/F	0430500000	A.301
G 20/0.25A/F	0430500000	A.302
G 20/0.25A/F	0430500000	A.304
G 20/0.25A/F	0430500000	B.116
G 20/0.25A/F	0430500000	B.119
G 20/0.25A/F	0430500000	B.208
G 20/0.25A/F	0430500000	B.209
G 20/0.25A/F	0430500000	B.210
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G 20/0.50A/F	0430600000	A.62
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G 20/0.50A/F	0430600000	A.64
G 20/0.50A/F	0430600000	A.177
G 20/0.50A/F	0430600000	A.178
G 20/0.50A/F	0430600000	A.179
G 20/0.50A/F	0430600000	A.182
G 20/0.50A/F	0430600000	A.184
G 20/0.50A/F	0430600000	A.186
G 20/0.50A/F	0430600000	A.187
G 20/0.50A/F	0430600000	A.191
G 20/0.50A/F	0430600000	A.284
G 20/0.50A/F	0430600000	A.285
G 20/0.50A/F	0430600000	A.286
G 20/0.50A/F	0430600000	A.287
G 20/0.50A/F	0430600000	A.289
G 20/0.50A/F	0430600000	A.290
G 20/0.50A/F	0430600000	A.293
G 20/0.50A/F	0430600000	A.299
G 20/0.50A/F	0430600000	A.300
G 20/0.50A/F	0430600000	A.301
G 20/0.50A/F	0430600000	A.302
G 20/0.50A/F	0430600000	A.304
G 20/0.50A/F	0430600000	B.116
G 20/0.50A/F	0430600000	B.119
G 20/0.50A/F	0430600000	B.208
G 20/0.50A/F	0430600000	B.209
G 20/0.50A/F	0430600000	B.210
G 20/0.50A/F	0430600000	B.213
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G 20/1.00A/F	0430700000	A.63
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G 20/1.00A/F	0430700000	A.182
G 20/1.00A/F	0430700000	A.184
G 20/1.00A/F	0430700000	A.186
G 20/1.00A/F	0430700000	A.187
G 20/1.00A/F	0430700000	A.191
G 20/1.00A/F	0430700000	A.284
G 20/1.00A/F	0430700000	A.285
G 20/1.00A/F	0430700000	A.286
G 20/1.00A/F	0430700000	A.287
G 20/1.00A/F	0430700000	A.289
G 20/1.00A/F	0430700000	A.290
G 20/1.00A/F	0430700000	A.293
G 20/1.00A/F	0430700000	A.299
G 20/1.00A/F	0430700000	A.300
G 20/1.00A/F	0430700000	A.301
G 20/1.00A/F	0430700000	A.302
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G 20/2.00A/F	0430900000	A.62
G 20/2.00A/F	0430900000	A.63
G 20/2.00A/F	0430900000	A.64
G 20/2.00A/F	0430900000	A.177
G 20/2.00A/F	0430900000	A.178
G 20/2.00A/F	0430900000	A.179
G 20/2.00A/F	0430900000	A.182
G 20/2.00A/F	0430900000	A.184
G 20/2.00A/F	0430900000	A.186
G 20/2.00A/F	0430900000	A.187
G 20/2.00A/F	0430900000	A.191
G 20/2.00A/F	0430900000	A.284
G 20/2.00A/F	0430900000	A.285
G 20/2.00A/F	0430900000	A.286
G 20/2.00A/F	0430900000	A.287
G 20/2.00A/F	0430900000	A.289
G 20/2.00A/F	0430900000	A.290
G 20/2.00A/F	0430900000	A.293
G 20/2.00A/F	0430900000	A.299
G 20/2.00A/F	0430900000	A.300
G 20/2.00A/F	0430900000	A.301
G 20/2.00A/F	0430900000	A.302
G 20/2.00A/F	0430900000	A.304
G 20/2.00A/F	0430900000	B.116
G 20/2.00A/F	0430900000	B.119
G 20/2.00A/F	0430900000	B.208
G 20/2.00A/F	0430900000	B.209
G 20/2.00A/F	0430900000	B.210
G 20/2.00A/F	0430900000	B.213
G 20/2.00A/F	0430900000	B.214
G 20/2.00A/F	0430900000	B.215
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G 25/1.00A/M RT	0265800000	A.187
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KOSF ZT4	1856860000	A.198
KOSF ZT4	1856860000	A.201
KOSF ZT4	1856860000	A.213
KOSF ZT4	1856860000	A.322
KOSF ZT4	1856860000	A.324
KSBR/2 ZTL6	1771820000	B.156
KSBR/2 ZTL6	1771820000	B.157
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LL TTB 6/1	2710230000	B.134
LL TTB 6/1	2710230000	B.135
LL TTB 6/1	2710230000	B.136
LL TTB 6/1	2710230000	B.137
LL TTB 6/1	2710230000	B.138
LL TTB 6/1	2710230000	B.139
LL TTB 6/1	2710230000	B.142
LL TTB 6/1	2710230000	B.143
LL TTB 6/1	2710230000	B.144
LL TTB 6/2	2710300000	B.134
LL TTB 6/2	2710300000	B.135
LL TTB 6/2	2710300000	B.136
LL TTB 6/2	2710300000	B.137
LL TTB 6/2	2710300000	B.138
LL TTB 6/2	2710300000	B.139
LL TTB 6/2	2710300000	B.142
LL TTB 6/2	2710300000	B.143
LL TTB 6/2	2710300000	B.144
LL TTB 6/2 CM	2710370000	B.134
LL TTB 6/2 CM	2710370000	B.135
LL TTB 6/2 CM	2710370000	B.136
LL TTB 6/2 CM	2710370000	B.137
LL TTB 6/2 CM	2710370000	B.138
LL TTB 6/2 CM	2710370000	B.139
LL TTB 6/2 CM	2710370000	B.142
LL TTB 6/2 CM	2710370000	B.143
LL TTB 6/2 CM	2710370000	B.144
LL TTB 6/3	2710440000	B.134
LL TTB 6/3	2710440000	B.136
LL TTB 6/3	2710440000	B.138
LL TTB 6/3	2710440000	B.142
LL TTB 6/3	2710440000	B.144
LL TTB 6/3 CM	2726100000	B.134
LL TTB 6/3 CM	2726100000	B.136
LL TTB 6/3 CM	2726100000	B.138
LL TTB 6/3 CM	2726100000	B.142
LL TTB 6/3 CM	2726100000	B.144
LL TTB 6/4	2710450000	B.134
LL TTB 6/4	2710450000	B.136
LL TTB 6/4	2710450000	B.138
LL TTB 6/4	2710450000	B.142
LL TTB 6/4	2710450000	B.144
LL TTB 6/4 CM	2726110000	B.134
LL TTB 6/4 CM	2726110000	B.136
LL TTB 6/4 CM	2726110000	B.138
LL TTB 6/4 CM	2726110000	B.142
LL TTB 6/4 CM	2726110000	B.144
LL TTB 6/6	2710460000	B.134
LL TTB 6/6	2710460000	B.136
LL TTB 6/6	2710460000	B.138
LL TTB 6/6	2710460000	B.142
LL TTB 6/6	2710460000	B.144
LS 2.8 WDU2.5-10	1056400000	A.331

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MAK 2.5 DB	7917030000	B.97
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MARKO-C. 50X50X50 B/DR.	1700540001	A.379
MB M3/M5 CRM	0503500000	C.22
MB M5/M3 SW	0553400000	C.22
MB M6/M4 GR	0334900000	C.22
MCV APG 1.5	2485980000	A.84
MCV APG 1.5	2485980000	A.86
MCV APG 1.5	2485980000	A.88
MCV APG 2.5	2035590000	A.84
MCV APG 2.5	2035590000	A.86
MCV APG 2.5	2035590000	A.88
MCV APG 4	2540800000	A.85
MCV APG 4	2540800000	A.88
MCV APG 6	2762380000	B.146
MEW 1/32	0445600000	C.21
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MK 3/12/E	7906210000	A.340
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MK 5/2 O.DE	0243820000	A.338
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MK 6/2/E	7906220000	A.341
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MK 6/4/E	7906240000	A.341
MK 6/5/E	7906250000	A.341
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MOFU 15/35 ZDUB	1723660000	A.123
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MOFU 35	0495660000	C.22
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P 14/2 D01 RS SAKS4	0138000000	A.297
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P 14/4 D01 BR SAKS4	0138100000	A.297
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P 14/6 D01 GN SAKS4	0328600000	A.305
P 18/20 D02 BL SAKS5	0361800000	A.298
P 18/20 D02 BL SAKS5	0361800000	A.305
P 18/25 D02 GE SAKS5	0361900000	A.298
P 18/25 D02 GE SAKS5	0361900000	A.305
P 18/35 D02 SW SAKS5	0362000000	A.298
P 18/35 D02 SW SAKS5	0362000000	A.305
P 18/50 D02 WS SAKS5	0362100000	A.298
P 18/50 D02 WS SAKS5	0362100000	A.305
PAP PRV/PPV4 BL	1268010000	B.216
PAP PRV/PPV4 BL	1268010000	B.219
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PAP PRV/PPV4 GR	1211450000	B.219
PAP PRV/PPV4 GR	1211450000	B.228
PAP PRV/PPV4 SW	1173750000	B.216
PAP PRV/PPV4 SW	1173750000	B.219
PAP PRV/PPV4 SW	1173750000	B.228
PAP PRV/PPV8 BL	1268000000	B.217
PAP PRV/PPV8 BL	1268000000	B.219
PAP PRV/PPV8 GR	1211460000	B.217
PAP PRV/PPV8 GR	1211460000	B.219
PAP PRV/PPV8 GR	1211460000	B.228
PAP PRV/PPV8 SW	1173720000	B.217
PAP PRV/PPV8 SW	1173720000	B.219
PAP PRV/PPV8 SW	1173720000	B.228
PPV 4 BL 35X15 DGR	1267910000	B.219
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PRV 8 BL 35X7.5 WS/RT	1173910000	B.217
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PS 2.3 RT	0180400000	A.310
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PS_ZQV	1121740000	A.234
PS_ZQV_SET	1116710000	A.234

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Q 10 AKZ1.5	0368500000	A.240
Q 10 AKZ1.5	0368500000	A.242
Q 10 AKZ1.5	0368500000	A.350
Q 10 AKZ4	0368600000	A.244
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Q 10 AKZ4SS	0369300000	A.265
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Q 10 DLI	1313100000	A.350
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Q 10 WDL2.5S	1071800000	B.303
Q 10 WDL2.5S	1071800000	B.304
Q 10 WDL2.5S	1071800000	B.305
Q 2 AKZ1.5	0368200000	A.240
Q 2 AKZ1.5	0368200000	A.242
Q 2 AKZ1.5	0368200000	A.350
Q 2 AKZ4	0336400000	A.244
Q 2 AKZ4	0336400000	A.350
Q 2 AKZ4SS	0369000000	A.265
Q 2 AKZ4SS	0369000000	A.350
Q 2 DLI	1312500000	A.350
Q 2 DLI	1312500000	B.190
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Q 2 DLI	1312500000	B.193
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Q 2 WDL2.5S	1071500000	B.302
Q 2 WDL2.5S	1071500000	B.303
Q 2 WDL2.5S	1071500000	B.304
Q 2 WDL2.5S	1071500000	B.305
Q 20 DLI	1399800000	A.350
Q 20 WDL2.5S	1074200000	A.350
Q 20 WDL2.5S	1074200000	B.302
Q 20 WDL2.5S	1074200000	B.303
Q 20 WDL2.5S	1074200000	B.304
Q 20 WDL2.5S	1074200000	B.305
Q 3 AKZ1.5	0368300000	A.350
Q 3 AKZ4	0336500000	A.350
Q 3 DLI	1312600000	A.350
Q 3 DLI	1312600000	B.190
Q 3 DLI	1312600000	B.191
Q 3 DLI	1312600000	B.192
Q 3 DLI	1312600000	B.193
Q 3 WDL2.5S	1071600000	A.350
Q 3 WDL2.5S	1071600000	B.302
Q 3 WDL2.5S	1071600000	B.303
Q 3 WDL2.5S	1071600000	B.304
Q 3 WDL2.5S	1071600000	B.305
Q 4 AKZ1.5	0368400000	A.350
Q 4 AKZ4	0336600000	A.350
Q 4 DLI	1312700000	A.350
Q 4 DLI	1312700000	B.190
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Q 4 DLI	1312700000	B.193
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Q 4 WDL2.5S	1071700000	B.303
Q 4 WDL2.5S	1071700000	B.304
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QL 10 SAK16	0471000000	A.292
QL 10 SAK16	0471000000	A.294
QL 10 SAK6N	0338300000	A.289
QL 10 SAK6N	0338300000	A.290
QL 10 SAK6N	0338300000	A.293
QL 10 SAK6N	0338300000	B.163
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QL 10 SAKS2	0338900000	A.297
QL 10 SAKS2	0338900000	A.298
QL 10 SAKS4	0339000000	A.297
QL 15 SAK6N	0221200000	B.171
QL 2 SAK16	0470700000	A.291
QL 2 SAK16	0470700000	A.292
QL 2 SAK16	0470700000	A.294
QL 2 SAK6N	0194300000	A.289
QL 2 SAK6N	0194300000	A.290
QL 2 SAK6N	0194300000	A.293
QL 2 SAK6N	0194300000	B.163
QL 2 SAK6N	0194300000	B.171
QL 2 SAKS2	0207800000	A.297
QL 2 SAKS2	0207800000	A.298
QL 2 SAKS4	0328000000	A.297
QL 3 SAK6N	0194400000	B.163
QL 3 SAK6N	0194400000	B.171
QL 4 SAK6N	0194500000	B.163
QL 4 SAK6N	0194500000	B.171
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QVS 2/4 SAKT4	1319260000	B.158
QVS 2/S SAKT1+2	0358460000	B.170
QVS 3 SAKT1+2	0329300000	B.163
QVS 3 SAKT1+2	0329300000	B.164
QVS 3 SAKT1+2	0329300000	B.170
QVS 4 SAKT1+2	0307400000	B.170
QVSK 2 SAKT1	1670360000	B.170

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RAHE LN WDT1.5	1865410000	A.315
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S-3L-160/10	2658530000	C.30
S-3L-160/16	2658540000	C.30
S-3L-210/10	2658550000	C.30
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S-3L-268/16	2658580000	C.30
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W2T 4 FS-FT 100-250V BK STB	2894040000	B.214
W2T 4 FS-FT 100-250V BL	2893980000	B.213
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W2T 4 FS-FT 30-70V BK	2893930000	B.214
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W2T 4 FS-FT 60-150V BK	2893960000	B.214
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W2T 4 FS-FT-PE 60-150V BK STB	2894130000	B.215
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WAD 12 MC B GE/SW	2445090000	A.254
WAD 12 MC B GE/SW	2445090000	A.255
WAD 12 MC B GE/SW	2445090000	B.26
WAD 12 MC B GE/SW	2445090000	B.27
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WAD 12 MC NE WS	2445070000	A.252
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WAD 12N GE BED	1073200000	B.263
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WAD 16N GE BED	1083600000	A.255
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WPD 106 1X70/2X25+3X16 BK	2725440000	B.76
WPD 106 1X70/2X25+3X16 BL	2518570000	B.76
WPD 106 1X70/2X25+3X16 GY	1562210000	B.76
WPD 106 1X70/2X25+3X16 RD	2725340000	B.76
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WPD 107 1X95/2X35+8X25 BL	2521730000	B.78
WPD 107 1X95/2X35+8X25 GY	1562220000	B.78
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WPD 108 1X120/2X35+3X25+4X16 BK	2725380000	B.80
WPD 108 1X120/2X35+3X25+4X16 BL	2519480000	B.80
WPD 108 1X120/2X35+3X25+4X16 GY	1562100000	B.80
WPD 108 1X120/2X35+3X25+4X16 RD	2725280000	B.80
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WPD 109 1X185/2X35+3X25+4X16 BL	2519490000	B.82
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WPD 110 1X70+1X35/6X16 BL	2603820000	B.56
WPD 110 1X70+1X35/6X16 BN	2814520000	B.56
WPD 110 1X70+1X35/6X16 GN	2603830000	B.56
WPD 110 1X70+1X35/6X16 GY	2603810000	B.56
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WS 10/5 M PLUS MC NE WS	2003770000	A.68
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ZQV 2.5N/2	1527540000	A.265
ZQV 2.5N/2	1527540000	A.299
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ZQV 2.5N/2	1527540000	B.285
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ZQV 2.5N/2	1527540000	B.287
ZQV 2.5N/2	1527540000	B.290
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ZQV 2.5N/2 RD	2108470000	B.112
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ZQV 2.5N/3	1527570000	B.285
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ZQV 2.5N/8 WT	2831620000	A.345
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ZQV 35N-10	2562670000	B.11
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ZQV 35N-16	2562660000	B.9
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ZQV 35N/2	2634950000	A.28
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ZQV 4N/10	1528090000	A.64
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ZQV 4N/10	1528090000	A.71
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ZQV 4N/10	1528090000	A.300
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ZQV 4N/10	1528090000	B.206
ZQV 4N/10	1528090000	B.207
ZQV 4N/10	1528090000	B.208
ZQV 4N/10	1528090000	B.209
ZQV 4N/10	1528090000	B.210
ZQV 4N/10	1528090000	B.211
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ZQV 4N/10	1528090000	B.213
ZQV 4N/10	1528090000	B.214
ZQV 4N/10	1528090000	B.215
ZQV 4N/10	1528090000	B.257
ZQV 4N/10	1528090000	B.258
ZQV 4N/10	1528090000	B.262
ZQV 4N/10	1528090000	B.288
ZQV 4N/10	1528090000	B.289
ZQV 4N/10 BK	2810830000	A.113
ZQV 4N/10 BK	2810830000	A.345
ZQV 4N/10 BL	1528230000	A.110
ZQV 4N/10 BL	1528230000	A.344
ZQV 4N/10 BL	1528230000	B.114
ZQV 4N/10 BL	1528230000	B.115
ZQV 4N/10 BL	1528230000	B.116
ZQV 4N/10 BL	1528230000	B.118
ZQV 4N/10 BL	1528230000	B.119
ZQV 4N/10 RD	2460740000	A.110
ZQV 4N/10 RD	2460740000	A.344
ZQV 4N/10 RD	2460740000	B.114
ZQV 4N/10 RD	2460740000	B.115
ZQV 4N/10 RD	2460740000	B.116
ZQV 4N/10 RD	2460740000	B.118
ZQV 4N/10 RD	2460740000	B.119
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ZQV 4N/10 WT	2831790000	A.345
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ZQV 4N/2	1527930000	A.313
ZQV 4N/2	1527930000	A.322
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ZQV 6N/4	1985780000	A.111
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ZQV 6N/6	2733950000	B.139
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ZQV 95/120N/2	2694250000	B.24
ZQV 95/120N/2	2694250000	B.261
ZQV 95/120N/3	2694260000	A.29
ZQV 95/120N/3	2694260000	A.30
ZQV 95/120N/3	2694260000	A.112
ZQV 95/120N/3	2694260000	B.18
ZQV 95/120N/3	2694260000	B.19
ZQV 95/120N/3	2694260000	B.24
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ZTA 1	1609040000	A.163
ZTA 1	1609040000	A.192
ZTA 1	1609040000	A.232
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0335600000	BS 25 IH/GN SAKT1	B.162
0335600000	BS 25 IH/GN SAKT1	B.166
0335600000	BS 25 IH/GN SAKT1	B.171
0335600000	BS 25 IH/GN SAKT1	B.172
0335600000	BS 25 IH/GN SAKT1	B.174
0335700000	BS 25 IH/GE SAKT1	B.162
0335700000	BS 25 IH/GE SAKT1	B.166
0335700000	BS 25 IH/GE SAKT1	B.171
0335700000	BS 25 IH/GE SAKT1	B.172
0335700000	BS 25 IH/GE SAKT1	B.174
0335800000	BS 25 IH/VI SAKT1	B.162
0335800000	BS 25 IH/VI SAKT1	B.166
0335800000	BS 25 IH/VI SAKT1	B.171
0335800000	BS 25 IH/VI SAKT1	B.172
0335800000	BS 25 IH/VI SAKT1	B.174
0336400000	Q 2 AKZ4	A.244
0336400000	Q 2 AKZ4	A.350
0336500000	Q 3 AKZ4	A.350
0336600000	Q 4 AKZ4	A.350
0338300000	QL 10 SAK6N	A.289
0338300000	QL 10 SAK6N	A.290
0338300000	QL 10 SAK6N	A.293

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0338300000	QL 10 SAK6N	B.171
0338900000	QL 10 SAKS2	A.297
0338900000	QL 10 SAKS2	A.298
0339000000	QL 10 SAKS4	A.297
0339410000	SK E14 SAKS4	A.297

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0340460000	AKZ 1.5	A.240
0340480000	AKZ 1.5 BL	A.240
0340560000	AP AKZ1.5	A.240
0340580000	AP AKZ1.5 BL	A.240
0341000000	STB 30.5 IH/SW	B.160
0341000000	STB 30.5 IH/SW	B.170
0341100000	STB 30.5 IH/GR	B.160
0341100000	STB 30.5 IH/GR	B.170
0341200000	STB 30.5 IH/BL	B.160
0341200000	STB 30.5 IH/BL	B.161
0341200000	STB 30.5 IH/BL	B.170
0341300000	STB 30.5 IH/RT	B.160
0341300000	STB 30.5 IH/RT	B.170
0341400000	STB 30.5 IH/GN	B.160
0341400000	STB 30.5 IH/GN	B.161
0341400000	STB 30.5 IH/GN	B.170
0341500000	STB 30.5 IH/GE	B.160
0341500000	STB 30.5 IH/GE	B.161
0341500000	STB 30.5 IH/GE	B.170
0341600000	STB 30.5 IH/VI	B.160
0341600000	STB 30.5 IH/VI	B.161
0341600000	STB 30.5 IH/VI	B.170
0343400000	STB 25 IH/BL	B.162
0348260000	TW AKZ4	A.244
0348900000	SSCH 10X3X1000 CU/SN	B.235
0348900000	SSCH 10X3X1000 CU/SN	B.236
0348900000	SSCH 10X3X1000 CU/SN	B.242
0348900000	SSCH 10X3X1000 CU/SN	B.243
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0348900000	SSCH 10X3X1000 CU/SN	B.289
0348900000	SSCH 10X3X1000 CU/SN	B.298
0348900000	SSCH 10X3X1000 CU/SN	B.299
0348900000	SSCH 10X3X1000 CU/SN	B.300
0348900000	SSCH 10X3X1000 CU/SN	B.304
0348900000	SSCH 10X3X1000 CU/SN	B.305
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0353500000	FKSC M6X12 D9/SW3	C.22
0353660000	TSCH 2	B.162
0357400000	SSCH 15X6X1000 CU/SN	C.12
0358460000	QVS 2/S SAKT1+2	B.170
0359310000	SK E18 SAKS5	A.298

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0361300000	E 18/20A BL	A.305
0361400000	E 18/25A GE	A.298
0361400000	E 18/25A GE	A.305
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0361700000	E 18/63A KU	A.305
0361800000	P 18/20 D02 BL SAKS5	A.298
0361800000	P 18/20 D02 BL SAKS5	A.305
0361900000	P 18/25 D02 GE SAKS5	A.298
0361900000	P 18/25 D02 GE SAKS5	A.305
0362000000	P 18/35 D02 SW SAKS5	A.298
0362000000	P 18/35 D02 SW SAKS5	A.305
0362100000	P 18/50 D02 WS SAKS5	A.298
0362100000	P 18/50 D02 WS SAKS5	A.305
0368200000	Q 2 AKZ1.5	A.240
0368200000	Q 2 AKZ1.5	A.242
0368200000	Q 2 AKZ1.5	A.350
0368300000	Q 3 AKZ1.5	A.350
0368400000	Q 4 AKZ1.5	A.350
0368500000	Q 10 AKZ1.5	A.240
0368500000	Q 10 AKZ1.5	A.242
0368500000	Q 10 AKZ1.5	A.350
0368600000	Q 10 AKZ4	A.244
0368600000	Q 10 AKZ4	A.350
0369000000	Q 2 AKZ4SS	A.265
0369000000	Q 2 AKZ4SS	A.350
0369300000	Q 10 AKZ4SS	A.265
0369300000	Q 10 AKZ4SS	A.350

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0382860000	EW 15	A.274
0382860000	EW 15	C.21
0383400000	TS 35X7.5 2M/ST/ZN	B.246
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0383400000	TS 35X7.5 2M/ST/ZN	C.18
0383410000	TS 35X7.5 1M/ST/ZN	C.18
0383530000	EW 35 GR 7032	C.21
0383560000	EW 35	A.243
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0388500000	STB 35 IH/SW	B.170
0388600000	STB 35 IH/GR	B.170
0388700000	STB 35 IH/BL	B.163
0388700000	STB 35 IH/BL	B.164
0388700000	STB 35 IH/BL	B.170
0388800000	STB 35 IH/RT	B.170
0388900000	STB 35 IH/GN	B.162
0388900000	STB 35 IH/GN	B.163
0388900000	STB 35 IH/GN	B.164
0388900000	STB 35 IH/GN	B.170
0389000000	STB 35 IH/GE	B.162
0389000000	STB 35 IH/GE	B.163
0389000000	STB 35 IH/GE	B.164
0389000000	STB 35 IH/GE	B.170
0389100000	STB 35 IH/VI	B.162
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0389100000	STB 35 IH/VI	B.164
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0430300000	G 20/0.10A/F	A.304
0430400000	G 20/0.20A/F	A.191
0430400000	G 20/0.20A/F	A.304
0430500000	G 20/0.25A/F	A.61
0430500000	G 20/0.25A/F	A.62
0430500000	G 20/0.25A/F	A.63
0430500000	G 20/0.25A/F	A.64
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0430500000	G 20/0.25A/F	A.187
0430500000	G 20/0.25A/F	A.191
0430500000	G 20/0.25A/F	A.284
0430500000	G 20/0.25A/F	A.285
0430500000	G 20/0.25A/F	A.286
0430500000	G 20/0.25A/F	A.287
0430500000	G 20/0.25A/F	A.289
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0430700000	G 20/1.00A/F	A.64
0430700000	G 20/1.00A/F	A.177
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0430700000	G 20/1.00A/F	B.214
0430700000	G 20/1.00A/F	B.215
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0430800000	G 20/1.60A/F	A.304
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0430900000	G 20/2.00A/F	A.302
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0430900000	G 20/2.00A/F	B.214
0430900000	G 20/2.00A/F	B.215
0431000000	G 20/2.50A/F	A.191
0431000000	G 20/2.50A/F	A.304
0431100000	G 20/3.15A/F	A.191
0431100000	G 20/3.15A/F	A.304
0431200000	G 20/4.00A/F	A.191
0431200000	G 20/4.00A/F	A.304
0431300000	G 20/5.00A/F	A.191
0431300000	G 20/5.00A/F	A.304
0431400000	G 20/6.30A/F	A.191
0431400000	G 20/6.30A/F	A.304
0438000000	SSCH 10X3X1000 ST/ZN	C.12
0439000000	G 20/0.63A/F	A.191
0439000000	G 20/0.63A/F	A.304

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0445600000	MEW 1/32	C.21

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0470700000	QL 2 SAK16	A.291
0470700000	QL 2 SAK16	A.292
0470700000	QL 2 SAK16	A.294
0471000000	QL 10 SAK16	A.291
0471000000	QL 10 SAK16	A.292
0471000000	QL 10 SAK16	A.294

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0485200000	ADP 1/HP1 1M	C.23
0485300000	ADP 2/HP2 1M	C.23
0485400000	ADP 3/HP3 1M	C.23
0485560000	HP 1 ADP1	C.23
0485660000	HP 2 ADP2	C.23
0485760000	HP 3 ADP3	C.23
0485860000	HP 4 ADP3	C.23

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0494920000	SH 2	C.13
0495660000	MOFU 35	C.22
0498000000	TS 35X15/2.3 2M/ST/ZN	C.19

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0501800000	SAKS 4/35 DB	A.297
0502100000	SAKS 5/35 DB	A.298
0503500000	MB M3/M5 CRM	C.22

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0510300000	G 25/0.50A/M WS	A.179
0510300000	G 25/0.50A/M WS	A.182
0510300000	G 25/0.50A/M WS	A.187
0510300000	G 25/0.50A/M WS	A.191
0510300000	G 25/0.50A/M WS	A.304
0514200000	TS 15X5 2M/ST/ZN	C.17
0514300000	TSK 35X15 2M PVC/GR	C.19
0514400000	TS 32X15/LL 2M/ST/ZN	C.18
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.12
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.134
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.136
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.138
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.142
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.145
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.160
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.178
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.180
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.246
0514500000	TS 35X7.5/LL 2M/ST/ZN	B.247
0514500000	TS 35X7.5/LL 2M/ST/ZN	C.18
0514510000	TS 35X7.5/LL 1M/ST/ZN	C.18
0514570000	TS 35X7.5/LL/6 2M/ST/ZN	C.18
0515300000	STR 7 F.SCHT 7	A.201
0515300000	STR 7 F.SCHT 7	A.209
0517960000	SCHT 7	A.328

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0531760000	SSP 3 SAKT1	B.162
0531760000	SSP 3 SAKT1	B.164
0531760000	SSP 3 SAKT1	B.166
0531760000	SSP 3 SAKT1	B.170
0531760000	SSP 3 SAKT1	B.172
0531760000	SSP 3 SAKT1	B.174

0540000000

0545300000	QB 58/8/9/WI	B.160
0545300000	QB 58/8/9/WI	B.161
0545300000	QB 58/8/9/WI	B.162
0545300000	QB 58/8/9/WI	B.166
0545400000	QB 58/8/15	B.160
0545400000	QB 58/8/15	B.161
0546000000	ISPF QB58 SW	B.160
0546000000	ISPF QB58 SW	B.161
0546000000	ISPF QB58 SW	B.162
0546000000	ISPF QB58 SW	B.166
0546900000	G 25/0.25A/M GE	A.191
0546900000	G 25/0.25A/M GE	A.304

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0556660000	SH 3	C.13

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0620220000	MK 6/4	A.337
0620320000	MK 6/3	A.337
0620420000	MK 6/2	A.337
0624720000	BK 2 CRN	A.338
0624920000	BK 3 CRN	A.338
0625120000	BK 4 CRN	A.338
0625220000	BK 6 CRN	A.338
0625320000	BK 12 CRN	A.338
0630000000		
0635960000	KLBUE SH1	C.12
0636800000	FM 5/TS35	C.22
0636900000	FM 6/TS35	C.22
0640000000		
0641720000	SH 2 S	C.13
0642600000	FKSC M6X8 D9/SW3	C.22
0646210000	MOFU 35/LO/1 SW	C.22
0646260000	MOFU 35/LO/1	C.22
0646400000	G 25/0.80A/M GR	A.191
0646400000	G 25/0.80A/M GR	A.304
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0687900000	FM 4/TS35	C.22
0690000000		
0697160000	AKZ 2.5	A.242
0697180000	AKZ 2.5 BL	A.242
0697360000	AP AKZ2.5	A.242
0697380000	AP AKZ2.5 BL	A.242
1000000000		
1007810000	ZP 2.5/2AN/QV	A.212
1007830000	ZP 2.5/2AN/QV GN	A.212
1007870000	ZP 2.5/2AN/QV ZA O.RA	A.212
1007880000	ZP 2.5/2AN/QV ZAO.RA BL	A.212
1007900000	ZP 2.5/1AN/QV	A.212
1007920000	ZP 2.5/1AN/QV GN	A.212
1007930000	ZP 2.5/1AN/QV ZA	A.212
1007950000	ZP 2.5/1AN/QV ZA GN	A.212
1007960000	ZP 2.5/1AN/QV ZA O.RA	A.212
1007970000	ZP 2.5/1AN/QV ZAO.RA BL	A.212
1007980000	ZP 2.5/1AN/QV ZAO.RA GN	A.212
1009060000	ZP 2.5/1AN/1 BL	A.212
1009070000	ZP 2.5/1AN ZA BL	A.212
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1010000000	WPE 2.5	A.273
1010010000	WPE 2.5 WS	B.251
1010010000	WPE 2.5 WS	B.255
1010100000	WPE 4	A.275
1010200000	WPE 6	A.276
1010300000	WPE 10	A.277
1010400000	WPE 16	A.277
1010500000	WPE 35	A.278
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1010680000	WNT 2.5 10X3	B.298
1010780000	WNT 4 10X3	B.298
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1011000000	WSI 6	A.289
1011300000	WSI 6/LD 10-36V DC/AC	A.290
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1011320000	DEK 5/6 PLUS MC NE WS	A.8
1011320000	DEK 5/6 PLUS MC NE WS	A.11
1011320000	DEK 5/6 PLUS MC NE WS	A.12
1011320000	DEK 5/6 PLUS MC NE WS	A.19
1011320000	DEK 5/6 PLUS MC NE WS	A.20
1011320000	DEK 5/6 PLUS MC NE WS	A.21
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1011320000	DEK 5/6 PLUS MC NE WS	A.58
1011320000	DEK 5/6 PLUS MC NE WS	A.61
1011320000	DEK 5/6 PLUS MC NE WS	A.62
1011320000	DEK 5/6 PLUS MC NE WS	A.63
1011320000	DEK 5/6 PLUS MC NE WS	A.64
1011320000	DEK 5/6 PLUS MC NE WS	A.69
1011320000	DEK 5/6 PLUS MC NE WS	A.71
1011320000	DEK 5/6 PLUS MC NE WS	A.80
1011320000	DEK 5/6 PLUS MC NE WS	A.81
1011320000	DEK 5/6 PLUS MC NE WS	A.82
1011320000	DEK 5/6 PLUS MC NE WS	A.83
1011320000	DEK 5/6 PLUS MC NE WS	A.85
1011320000	DEK 5/6 PLUS MC NE WS	B.115
1011320000	DEK 5/6 PLUS MC NE WS	B.116
1011320000	DEK 5/6 PLUS MC NE WS	B.119
1011320000	DEK 5/6 PLUS MC NE WS	B.203
1011320000	DEK 5/6 PLUS MC NE WS	B.204
1011320000	DEK 5/6 PLUS MC NE WS	B.205
1011320000	DEK 5/6 PLUS MC NE WS	B.206
1011320000	DEK 5/6 PLUS MC NE WS	B.207
1011320000	DEK 5/6 PLUS MC NE WS	B.208
1011320000	DEK 5/6 PLUS MC NE WS	B.209
1011320000	DEK 5/6 PLUS MC NE WS	B.210
1011320000	DEK 5/6 PLUS MC NE WS	B.211
1011320000	DEK 5/6 PLUS MC NE WS	B.212
1011320000	DEK 5/6 PLUS MC NE WS	B.213
1011320000	DEK 5/6 PLUS MC NE WS	B.214
1011320000	DEK 5/6 PLUS MC NE WS	B.215
1011320000	DEK 5/6 PLUS MC NE WS	B.253
1011320000	DEK 5/6 PLUS MC NE WS	B.257
1011320000	DEK 5/6 PLUS MC NE WS	B.258
1012200000	WSI 6/LD 30-70V DC/AC	A.290
1012300000	WSI 6/LD 60-150V DC/AC	A.290
1012400000	WSI 6/LD 250AC	A.290
1012600000	WPE 35/IKSC	A.279
1012600000	WPE 35/IKSC	B.33
1014000000	WSI 6/2 GZ/DEF63	A.291
1014100000	WSI 6/2/LD 10-36V DC/AC	A.292
1014200000	WSI 6/2/LD 30-70V DC/AC	A.292
1014300000	WSI 6/2/LD 60-150VDC/AC	A.292
1014400000	WSI 6/2/LD 250AC	A.292
1015800000	WDT 1.5/1 DB/GE	A.314
1015900000	WDT 1.5/2 DB/GE	A.314
1016000000	WDT 1.5/3 DB/GE	A.315
1016200000	WPE 2.5N	A.274
1016400000	WPE 2.5/1.5/ZR	A.273
1016500000	WPE 1.5/ZZ	A.272
1016700000	WTL 6/1	B.162
1016700000	WTL 6/1	B.163
1016900000	WTL 6/1/STB	B.163
1017100000	WTD 6/1	B.162
1017100000	WTD 6/1	B.163
1017900000	WTQ 6/1	B.164
1018100000	WTQ 6/1/STB	B.164
1018600000	WTL 6/3/STB	B.177
1018800000	WTL 6/3	B.176
1018800000	WTL 6/3	B.177
1019000000	WNT 16N 10X3	B.299
1019100000	WPE 16N	A.278
1019700000	WPE 120/150	A.281
1019700000	WPE 120/150	B.35
1020000000		
1020000000	WDU 2.5	A.242
1020080000	WDU 2.5 BL	A.242
1020100000	WDU 4	A.245
1020180000	WDU 4 BL	A.245
1020190000	WDU 4 GE/SW	B.262
1020200000	WDU 6	A.248
1020280000	WDU 6 BL	A.248
1020300000	WDU 10	A.250
1020380000	WDU 10 BL	A.250
1020400000	WDU 16	A.252
1020480000	WDU 16 BL	A.252
1020500000	WDU 35	A.254
1020500000	WDU 35	B.26
1020580000	WDU 35 BL	A.254
1020600000	WDU 35/IK	A.255
1020600000	WDU 35/IK	B.27
1020680000	WDU 35/IK BL	A.255
1021500000	WDK 2.5	A.262
1021580000	WDK 2.5 BL	A.262
1021700000	WDK 2.5 FF	A.327
1021800000	WDU 2.5 F 2X2.8	A.326
1021900000	WDU 2.5 FF 2X2.8	A.326
1022300000	WDK 2.5V	A.263
1022380000	WDK 2.5V BL	A.263
1022600000	WDK 2.5 2D 2.A	A.334
1023100000	WDK 2.5/D/3	A.333
1023200000	WDK 2.5/D	A.335
1023300000	WDK 2.5 1D A.2	A.333
1023400000	WDK 2.5 1D A.1	A.332
1023500000	WDK 2.5 2D	A.334
1023600000	WDK 2.5 LD RT 24VDC +-	A.335
1023700000	WDU 2.5N	A.243
1023780000	WDU 2.5N BL	A.243
1023830000	ZTR 6-2	A.193
1024100000	WDU 2.5/TC TYP K	B.194
1024100000	WDU 2.5/TC TYP K	B.195
1024200000	WDU 2.5/TC TYP T	B.194
1024200000	WDU 2.5/TC TYP T	B.195
1024300000	WDU 2.5/TC TYP J	B.194
1024300000	WDU 2.5/TC TYP J	B.195
1024400000	WDU 2.5/TC TYP SR	B.194
1024400000	WDU 2.5/TC TYP SR	B.195
1024500000	WDU 120/150	A.261
1024500000	WDU 120/150	B.30
1024580000	WDU 120/150 BL	A.261
1024580000	WDU 120/150 BL	B.30
1024600000	WDU 70/95	A.261
1024600000	WDU 70/95	B.29
1024680000	WDU 70/95 BL	A.261
1024680000	WDU 70/95 BL	B.29
1024700000	WDU 2.5/1.5/ZR	A.241
1024780000	WDU 2.5/1.5/ZR BL	A.241
1027000000	WDUL 4/10	A.331
1027300000	WDUL 4/100	A.331
1027400000	WDUL 4/500	A.331
1027410000	WDK 2.5/BLZ/5.08/ZA V	A.329
1027500000	WDUL 4/1K	A.331
1027550000	ZMAK 2.5 690V	A.151
1027550000	ZMAK 2.5 690V	B.95
1027600000	WDUL 4/5K	A.331
1027700000	WDUL 4/10K	A.331
1027800000	WDUL 4/50K	A.331
1027840000	WQL 4 WF10	A.368
1027840000	WQL 4 WF10	A.369
1027840000	WQL 4 WF10	A.378
1027870000	STB 30.5 IH/BR	B.160
1028000000	WDUL 4/500K	A.331
1028300000	WFF 35	A.372
1028380000	WFF 35 BL	A.372
1028400000	WFF 70	A.373
1028480000	WFF 70 BL	A.373
1028500000	WFF 120	A.373
1028580000	WFF 120 BL	A.373
1028600000	WFF 185	A.374
1028680000	WFF 185 BL	A.374
1028700000	WFF 300	A.375
1028800000	WDU 35/ZA	A.254
1028880000	WDU 35/ZA BL	A.254
1028900000	WDU 16/ZA	A.252
1028980000	WDU 16/ZA BL	A.252
1029000000	WDU 35/IK/ZA	A.255
1029100000	WDK 2.5/EX	A.265
1029300000	WFF 35/AH	A.372
1029400000	WFF 70/AH	A.373
1029500000	WFF 120/AH	A.373
1029600000	WFF 185/AH	A.374
1029700000	WFF 300/AH	A.375
1029800000	WDL 2.5/NT/L/PE	B.302
1029900000	WDL 2.5/N/L/PE	B.303
1030000000		
1030200000	WDL 2.5/L/L/PE	B.303
1030300000	WDL 2.5/L/L	B.302
1030600000	WDL 2.5/S/NT/L/PE	B.304
1030700000	WDL 2.5/S/N/L/PE	B.305
1031100000	WDL 2.5/S/L/L/PE	B.305
1031200000	WDL 2.5/S/L/L	B.304
1031400000	WDU 1.5/ZZ	A.241
1031480000	WDU 1.5/ZZ BL	A.241
1032880000	WDU 2.5/AP/TC BL TYP K	B.195
1033300000	WDU 2.5/TC TYP E	B.194
1033300000	WDU 2.5/TC TYP E	B.195
1033700000	WDU 2.5/TC TYP B	B.194
1033700000	WDU 2.5/TC TYP B	B.195
1034400000	WDK 2.5/BLZ/5.08/ZA	A.329
1036000000	WPO 4	A.330
1036100000	WDU 16N	A.253
1036180000	WDU 16N BL	A.253
1036300000	WDK 2.5PE	A.282
1036400000	WDK 2.5DU-PE	A.264
1037300000	WPE 70/95	A.281
1037300000	WPE 70/95	B.34
1039900000	WTR 2.5/ZZ	A.309
1039980000	WTR 2.5/ZZ BL	A.309
1040000000		
1040400000	WDU 35N	A.255
1040400000	WDU 35N	B.26
1040480000	WDU 35N BL	A.255
1040800000	WDU 2.5N ZQV	A.243
1040880000	WDU 2.5N ZQV BL	A.243
1041100000	WDK 2.5 ZQV	A.263
1041180000	WDK 2.5 ZQV BL	A.263
1041500000	WDU 2.5/TC TYP N	B.194
1041500000	WDU 2.5/TC TYP N	B.195
1041600000	WDK 2.5N	A.264
1041610000	WDK 2.5N V	A.265
1041620000	WDK 2.5N PE	A.282
1041650000	WDK 2.5N DU-PE	A.265
1041680000	WDK 2.5N BL	A.264
1041900000	WDK 4N	A.266
1041910000	WDK 4N V	A.267
1041920000	WDK 4N PE	A.283
1041980000	WDK 4N BL	A.266
1042400000	WDU 10/ZR	A.251
1042480000	WDU 10/ZR BL	A.251
1042500000	WPE 10/ZR	A.277
1042600000	WDU 4N	A.246
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1045970000	WTR 35 E	B.269
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1046350000	DEK 5/8 PLUS MC NE WS	A.26
1046350000	DEK 5/8 PLUS MC NE WS	A.27
1046350000	DEK 5/8 PLUS MC NE WS	A.52
1046350000	DEK 5/8 PLUS MC NE WS	A.53
1046350000	DEK 5/8 PLUS MC NE WS	A.54
1046350000	DEK 5/8 PLUS MC NE WS	B.102
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1046350000	DEK 5/8 PLUS MC NE WS	B.106
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1046350000	DEK 5/8 PLUS MC NE WS	B.109
1046350000	DEK 5/8 PLUS MC NE WS	B.110
1046350000	DEK 5/8 PLUS MC NE WS	B.112
1046350000	DEK 5/8 PLUS MC NE WS	B.113
1046350000	DEK 5/8 PLUS MC NE WS	B.114
1046350000	DEK 5/8 PLUS MC NE WS	B.115
1046350000	DEK 5/8 PLUS MC NE WS	B.118
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1046350000	DEK 5/8 PLUS MC NE WS	B.142
1046350000	DEK 5/8 PLUS MC NE WS	B.143
1046350000	DEK 5/8 PLUS MC NE WS	B.160
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1046350000	DEK 5/8 PLUS MC NE WS	B.253
1046350000	DEK 5/8 PLUS MC NE WS	B.258
1049220000	WFF 35 NFF	A.372
1049230000	WFF 70 NFF	A.373
1049240000	WFF 120 NFF	A.374
1049250000	WFF 185 NFF	A.375
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1050000000	WAP 2.5-10	A.241
1050000000	WAP 2.5-10	A.242
1050000000	WAP 2.5-10	A.243
1050000000	WAP 2.5-10	A.245
1050000000	WAP 2.5-10	A.247
1050000000	WAP 2.5-10	A.248
1050000000	WAP 2.5-10	A.249
1050000000	WAP 2.5-10	A.250
1050000000	WAP 2.5-10	A.251
1050000000	WAP 2.5-10	A.272
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1050000000	WAP 2.5-10	A.289
1050000000	WAP 2.5-10	A.290
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1050000000	WAP 2.5-10	A.309
1050000000	WAP 2.5-10	A.311
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1050000000	WAP 2.5-10	A.326
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1050010000	WAP 2.5-10 SW	A.300
1050080000	WAP 2.5-10 BL	A.241
1050080000	WAP 2.5-10 BL	A.242
1050080000	WAP 2.5-10 BL	A.243
1050080000	WAP 2.5-10 BL	A.245
1050080000	WAP 2.5-10 BL	A.248
1050080000	WAP 2.5-10 BL	A.250
1050080000	WAP 2.5-10 BL	A.251
1050080000	WAP 2.5-10 BL	A.326
1050080000	WAP 2.5-10 BL	B.262
1050080000	WAP 2.5-10 BL	B.298
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1050100000	WAP 16+35 WTW 2.5-10	A.243
1050100000	WAP 16+35 WTW 2.5-10	A.245
1050100000	WAP 16+35 WTW 2.5-10	A.247
1050100000	WAP 16+35 WTW 2.5-10	A.248
1050100000	WAP 16+35 WTW 2.5-10	A.249
1050100000	WAP 16+35 WTW 2.5-10	A.250
1050100000	WAP 16+35 WTW 2.5-10	A.251
1050100000	WAP 16+35 WTW 2.5-10	A.252
1050100000	WAP 16+35 WTW 2.5-10	A.253
1050100000	WAP 16+35 WTW 2.5-10	A.254
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1050100000	WAP 16+35 WTW 2.5-10	A.313
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1050180000	WAP 16+35 WTW 2.5-10 BL	A.241
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1050180000	WAP 16+35 WTW 2.5-10 BL	A.243
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1050180000	WAP 16+35 WTW 2.5-10 BL	A.250
1050180000	WAP 16+35 WTW 2.5-10 BL	A.252
1050180000	WAP 16+35 WTW 2.5-10 BL	A.253
1050180000	WAP 16+35 WTW 2.5-10 BL	A.254
1050180000	WAP 16+35 WTW 2.5-10 BL	A.255
1050180000	WAP 16+35 WTW 2.5-10 BL	A.326
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1050180000	WAP 16+35 WTW 2.5-10 BL	B.262
1050180000	WAP 16+35 WTW 2.5-10 BL	B.263
1050180000	WAP 16+35 WTW 2.5-10 BL	B.264
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1050280000	WHP 2.5-35N/10X3 BL	B.300
1051260000	WTA 5/1	A.249
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1051960000	WQV 4/2	A.247
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1051960000	WQV 4/2	B.158
1051960000	WQV 4/2	B.262
1051970000	ZP 4/1AN	A.212
1051980000	ZP 4/1AN GN	A.212
1052060000	WQV 4/10	A.245
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1052260000	WQV 6/10	A.348
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1052260000	WQV 6/10	B.168
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1052260000	WQV 6/10	B.171
1052260000	WQV 6/10	B.173
1052260000	WQV 6/10	B.175
1052260000	WQV 6/10	B.177
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1052360000	WQV 6/2	B.168
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1052460000	WQV 10/10	A.250
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1052460000	WQV 10/10	A.252
1052460000	WQV 10/10	A.267
1052460000	WQV 10/10	A.268
1052460000	WQV 10/10	A.269
1052460000	WQV 10/10	A.270
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1052460000	WQV 10/10	A.283
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1052660000	ZTA ZDK 2.5	A.146
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1052680000	ZTA ZDK 2.5/ZA	A.146
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1053060000	WQV 35/2	A.255
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1053060000	WQV 35/2	B.27
1053060000	WQV 35/2	B.178
1053060000	WQV 35/2	B.179
1053060000	WQV 35/2	B.264
1053160000	WQV 35/10	A.254
1053160000	WQV 35/10	A.255
1053160000	WQV 35/10	A.349
1053160000	WQV 35/10	B.26
1053160000	WQV 35/10	B.27
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1054360000	WQV 2.5/9	A.348
1054460000	WQV 2.5/10	A.241
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1054460000	WQV 2.5/10	A.282
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1054460000	WQV 2.5/10	A.333
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1054460000	WQV 2.5/10	A.335
1054460000	WQV 2.5/10	A.348
1054460000	WQV 2.5/10	B.262
1054560000	WQV 4/3	A.348
1054560000	WQV 4/3	B.158
1054660000	WQV 4/4	A.348
1054660000	WQV 4/4	B.158
1054760000	WQV 6/3	A.348
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1058800000	WTW EN	A.266
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1058800000	WTW EN	A.327
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1061200000	WEW 35/2	A.242
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1061200000	WEW 35/2	B.302
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1061200000	WEW 35/2	C.13
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1061210000	WEW 35/2 SW	A.316
1061210000	WEW 35/2 SW	C.13
1061210000	WEW 35/2 SW	C.21
1062060000	WTA 5/10	A.355
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1063300000	WQV 120/2	A.261
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1063300000	WQV 120/2	B.30
1063400000	WQV 120/3	A.261
1063400000	WQV 120/3	A.349
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1063500000	WQV 70/95/2	A.261
1063500000	WQV 70/95/2	A.349
1063500000	WQV 70/95/2	B.29
1063600000	WQV 70/95/3	A.261
1063600000	WQV 70/95/3	A.349
1063600000	WQV 70/95/3	B.29
1063900000	WQV 16-2.5	A.351
1064000000	WQV 16-4/6	A.352
1064100000	WQV 35-2.5	A.351
1064200000	WQV 35-4/6	A.352
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1064660000	WAH 120	A.373
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1064760000	WAH 185/300 BE	A.374
1064760000	WAH 185/300 BE	A.375
1064760000	WAH 185/300 BE	A.379
1064900000	WQL 2 WFF35	A.372
1064900000	WQL 2 WFF35	A.378
1065000000	WQL 2 WFF70	A.373
1065000000	WQL 2 WFF70	A.378
1065100000	WQL 2 WFF120	A.373
1065100000	WQL 2 WFF120	A.374
1065100000	WQL 2 WFF120	A.378
1065200000	WQL 2 WFF185	A.374
1065200000	WQL 2 WFF185	A.375
1065200000	WQL 2 WFF185	A.378
1065300000	WQL 2 WFF300	A.375
1065300000	WQL 2 WFF300	A.378
1065400000	WQL 3 WFF35	A.372
1065400000	WQL 3 WFF35	A.378
1065500000	WQL 3 WFF70	A.373
1065500000	WQL 3 WFF70	A.378
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1065600000	WQL 3 WFF120	A.378
1065700000	WQL 3 WFF185	A.374
1065700000	WQL 3 WFF185	A.375
1065700000	WQL 3 WFF185	A.378
1065800000	WQL 3 WFF300	A.375
1065800000	WQL 3 WFF300	A.378
1066000000	WZAD 70/95	A.261
1066000000	WZAD 70/95	B.29
1066100000	WZAD120	A.261
1066100000	WZAD120	B.30
1066200000	WZAF 70	A.367
1066200000	WZAF 70	A.368
1066200000	WZAF 70	A.370
1066200000	WZAF 70	A.373
1066300000	WZAF 120	A.368
1066300000	WZAF 120	A.369
1066300000	WZAF 120	A.371
1066300000	WZAF 120	A.373
1066300000	WZAF 120	A.374
1066400000	WZAF 185	A.369
1066400000	WZAF 185	A.374
1066400000	WZAF 185	A.375
1066500000	WZAF 300	A.375
1067100000	WTW WFF35	A.372
1067100000	WTW WFF35	A.378
1067200000	WTW WFF70	A.373
1067200000	WTW WFF70	A.378
1067300000	WTW WFF120	A.373
1067300000	WTW WFF120	A.374
1067300000	WTW WFF120	A.378
1067400000	WTW WFF185/300	A.374
1067400000	WTW WFF185/300	A.375
1067400000	WTW WFF185/300	A.378
1067600000	WEW 32/1	C.21
1067700000	WAP WDL2.5/S	B.304
1067700000	WAP WDL2.5/S	B.305
1067800000	WAP WDL2.5	B.302
1067800000	WAP WDL2.5	B.303
1067980000	WHP WDL2.5/S BL	B.302
1067980000	WHP WDL2.5/S BL	B.303
1067980000	WHP WDL2.5/S BL	B.304
1067980000	WHP WDL2.5/S BL	B.305
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1068260000	WBB ZA WDU1.5/BL 10/10	A.328
1068300000	WAP WTL6/1	B.162
1068300000	WAP WTL6/1	B.163
1068300000	WAP WTL6/1	B.164
1068400000	WTW WTL6/1 DB	B.163
1068400000	WTW WTL6/1 DB	B.164
1068400000	WTW WTL6/1 DB	B.167
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1070500000	WZAF 35	A.372
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1071010000	STB 21.6/IH/GE WTL6/3	B.156
1071010000	STB 21.6/IH/GE WTL6/3	B.157
1071010000	STB 21.6/IH/GE WTL6/3	B.176
1071010000	STB 21.6/IH/GE WTL6/3	B.177
1071020000	STB 21.6/IH/GN WTL6/3	B.156
1071020000	STB 21.6/IH/GN WTL6/3	B.157
1071020000	STB 21.6/IH/GN WTL6/3	B.176
1071020000	STB 21.6/IH/GN WTL6/3	B.177
1071030000	STB 21.6/IH/VI WTL6/3	B.156
1071030000	STB 21.6/IH/VI WTL6/3	B.157
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1071040000	STB 21.6/IH/SW WTL6/3	B.156
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1071080000	STB 21.6/IH/BL WTL6/3	B.156
1071080000	STB 21.6/IH/BL WTL6/3	B.157
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1071200000	SSCH 7.3X1.2X1000	A.330
1071200000	SSCH 7.3X1.2X1000	C.12
1071360000	WQV 16N-PEN BL	A.278
1071380000	WQV 16N-PEN BL	A.357
1071500000	Q 2 WDL2.5S	A.350
1071500000	Q 2 WDL2.5S	B.302
1071500000	Q 2 WDL2.5S	B.303
1071500000	Q 2 WDL2.5S	B.304
1071500000	Q 2 WDL2.5S	B.305
1071600000	Q 3 WDL2.5S	A.350
1071600000	Q 3 WDL2.5S	B.302
1071600000	Q 3 WDL2.5S	B.303
1071600000	Q 3 WDL2.5S	B.304
1071600000	Q 3 WDL2.5S	B.305
1071680000	TS 35X15/LL 2M/ST/ZN/O	C.19
1071690000	TS 35X7.5/LL/6X18 2M/O	C.18
1071700000	Q 4 WDL2.5S	A.350
1071700000	Q 4 WDL2.5S	B.302
1071700000	Q 4 WDL2.5S	B.303
1071700000	Q 4 WDL2.5S	B.304
1071700000	Q 4 WDL2.5S	B.305
1071800000	Q 10 WDL2.5S	A.350
1071800000	Q 10 WDL2.5S	B.302
1071800000	Q 10 WDL2.5S	B.303
1071800000	Q 10 WDL2.5S	B.304
1071800000	Q 10 WDL2.5S	B.305
1071900000	EW 15/2	C.21
1072000000	WAD 4 GE BED	A.241
1072000000	WAD 4 GE BED	A.243
1072000000	WAD 4 GE BED	A.244
1072000000	WAD 4 GE BED	A.246
1072000000	WAD 4 GE BED	A.262
1072000000	WAD 4 GE BED	A.263
1072000000	WAD 4 GE BED	A.264
1072000000	WAD 4 GE BED	A.265
1072000000	WAD 4 GE BED	A.326
1072000000	WAD 4 GE BED	A.327
1072100000	WAD 4 WS	A.241
1072100000	WAD 4 WS	A.243
1072100000	WAD 4 WS	A.244
1072100000	WAD 4 WS	A.246
1072100000	WAD 4 WS	A.262
1072100000	WAD 4 WS	A.263
1072100000	WAD 4 WS	A.264
1072100000	WAD 4 WS	A.265
1072100000	WAD 4 WS	A.326
1072100000	WAD 4 WS	A.327
1072300000	WQV 70/95-PEN	A.281
1072300000	WQV 70/95-PEN	A.357
1072300000	WQV 70/95-PEN	B.34
1072400000	WQV 120-PEN	A.281
1072400000	WQV 120-PEN	A.357
1072400000	WQV 120-PEN	B.35
1072500000	WQV 16N-4/6	A.351
1072660000	WBB WDK2.5/BL5.08	A.329
1072760000	WBB ZA WDK2.5/BL5.08	A.329
1073100000	WQV 16N-2.5	A.351
1073200000	WAD 12N GE BED	B.263
1073290000	WAD 12N WS	B.263
1074200000	Q 20 WDL2.5S	A.350
1074200000	Q 20 WDL2.5S	B.302
1074200000	Q 20 WDL2.5S	B.303
1074200000	Q 20 WDL2.5S	B.304
1074200000	Q 20 WDL2.5S	B.305
1074600000	WAP WTR2.5/ZZ	A.309
1079200000	WQV 35N/2	A.255
1079200000	WQV 35N/2	A.348
1079200000	WQV 35N/2	B.26
1079200000	WQV 35N/2	B.264
1079300000	WQV 35N/3	A.348
1079400000	WQV 35N/4	A.255
1079400000	WQV 35N/4	A.348
1079400000	WQV 35N/4	B.26
1079400000	WQV 35N/4	B.264
1079500000	WQB PEN 35N	A.357
1079600000	WQB PEN 16N	A.357
1079700000	WQB PEN 70N	A.357
1079900000	WSH 4 MT	B.241

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Order No.	Type	Page
1080100000	WSH 5	B.242
1080200000	WSH 6	B.242
1082400000	BFEH 1/WSH	B.243
1083100000	WSH 18 MT	B.243
1083200000	WSH 19 MT	B.243
1083600000	WAD 16N GE BED	A.255
1083600000	WAD 16N GE BED	B.26
1083600000	WAD 16N GE BED	B.264
1083900000	SMSE WSH U1 MT	B.243
1084000000	WAP WDK2.5/4 N	A.264
1084000000	WAP WDK2.5/4 N	A.265
1084000000	WAP WDK2.5/4 N	A.266
1084000000	WAP WDK2.5/4 N	A.267
1084000000	WAP WDK2.5/4 N	A.282
1084000000	WAP WDK2.5/4 N	A.283
1084080000	WAP WDK2.5/4 N BL	A.264
1084080000	WAP WDK2.5/4 N BL	A.265
1084080000	WAP WDK2.5/4 N BL	A.266
1084080000	WAP WDK2.5/4 N BL	A.267
1084080000	WAP WDK2.5/4 N BL	A.282
1084770000	ZDT 2.5/2 V	A.202

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Order No.	Type	Page
1107680000	WT4 4AN/2	A.322
1107780000	WAP WT4/4AN/2	A.322
1107790000	WP4/1AN/1	A.322
1107790000	WP4/1AN/1	A.324
1107800000	WP4/1AN/10	A.322
1108490000	WP4/1AN/1 ZA	A.322
1108490000	WP4/1AN/1 ZA	A.324

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1112910000	WAD 5 MC NE WS	A.242
1112910000	WAD 5 MC NE WS	A.243
1112910000	WAD 5 MC NE WS	A.245
1112910000	WAD 5 MC NE WS	B.134
1112910000	WAD 5 MC NE WS	B.136
1112910000	WAD 5 MC NE WS	B.138
1112910000	WAD 5 MC NE WS	B.142
1112910000	WAD 5 MC NE WS	B.262
1112920000	WAD 5 MC NE GE	A.242
1112920000	WAD 5 MC NE GE	A.243
1112920000	WAD 5 MC NE GE	A.245
1112920000	WAD 5 MC NE GE	B.262
1112940000	WAD 8 MC NE WS	A.248
1112940000	WAD 8 MC NE WS	A.249
1112940000	WAD 8 MC NE WS	A.250
1112940000	WAD 8 MC NE WS	A.251
1112940000	WAD 8 MC NE WS	A.252
1112940000	WAD 8 MC NE WS	A.267
1112940000	WAD 8 MC NE WS	A.268
1112940000	WAD 8 MC NE WS	A.269
1112940000	WAD 8 MC NE WS	A.270
1112940000	WAD 8 MC NE WS	A.271
1112940000	WAD 8 MC NE WS	A.283
1112940000	WAD 8 MC NE WS	B.96
1112940000	WAD 8 MC NE WS	B.160
1112940000	WAD 8 MC NE WS	B.180
1112950000	WAD 8 MC NE GE	A.248
1112950000	WAD 8 MC NE GE	A.249
1112950000	WAD 8 MC NE GE	A.250
1112950000	WAD 8 MC NE GE	A.251
1112950000	WAD 8 MC NE GE	A.267
1112950000	WAD 8 MC NE GE	A.268
1112950000	WAD 8 MC NE GE	A.269
1112950000	WAD 8 MC NE GE	A.270
1112950000	WAD 8 MC NE GE	A.271
1112950000	WAD 8 MC NE GE	A.283
1112950000	WAD 8 MC NE GE	B.96
1114720000	WDU 4/ZZ BL	A.245
1116710000	PS_ZQV_SET	A.234
1119700000	ZDK 4-2/2AN	A.157
1119790000	WSI 6/2/LD 250AC LLC	A.294
1119800000	WSI 6/2/LD 10-36V LLC	A.294
1119810000	WSI 6/2/LD 30-70V LLC	A.294
1119820000	WSI 6/2/LD 60-150V LLC	A.294
1119830000	WSI 6/LD 30-70V LLC	A.293
1119840000	WSI 6/LD 10-36V LLC	A.293
1119850000	WSI 6/LD 60-150V LLC	A.293
1119870000	WSI 6/LD 250AC LLC	A.293

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Order No.	Type	Page
1120470000	WAD 8 MC B GE/SW	A.252
1121740000	PS_ZQV	A.234

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Order No.	Type	Page
1131740000	ZDLD 2.5-2N PE	A.149
1131750000	ZDLD 2.5-2N/PE/L/L	A.149
1131760000	ZDLD 2.5-2N/PE/L/N	A.149
1137780000	WSI 25/1 10X38/LED 1KV	A.296
1137790000	WSI 25/1 10X38 1KV	A.296

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1142970000	WAD WMF2.5	B.228
1142980000	WBB WMF2.5 BLZ	B.228
1142990000	AP WMF2.5	B.220
1142990000	AP WMF2.5	B.221
1142990000	AP WMF2.5	B.222
1142990000	AP WMF2.5	B.223
1142990000	AP WMF2.5	B.224
1142990000	AP WMF2.5	B.225
1142990000	AP WMF2.5	B.228
1143000000	WMF 2.5 DI BLZ	B.223
1143010000	WMF 2.5 DI BLZ PE	B.224
1143020000	WMF 2.5 DI	B.220
1143030000	WMF 2.5 DI PE	B.221
1143050000	WMF 2.5 BLZ	B.223
1143070000	WMF 2.5	B.220

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Order No.	Type	Page
1161690000	WTL 6 SL	B.173
1162600000	WEW 35/1 SW	B.218
1162600000	WEW 35/1 SW	C.13
1162600000	WEW 35/1 SW	C.21
1162610000	ZEW 35/2 SW	B.216

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1162610000	ZEW 35/2 SW	B.217
1162610000	ZEW 35/2 SW	B.219
1162610000	ZEW 35/2 SW	C.21
1162820000	WMF 2.5 FU BLZ PE SW	B.225
1162830000	WMF 2.5 FU BLZ PE 10-36V SW	B.225
1162860000	WMF 2.5 FU BLZ PE 100-250V SW	B.225
1162920000	WMF 2.5 FU SW	B.222
1162930000	WMF 2.5 FU 10-36V SW	B.222
1162940000	WMF 2.5 FU 30-70V SW	B.222
1162950000	WMF 2.5 FU 60-150V SW	B.222
1162960000	WMF 2.5 FU 100-250V SW	B.222
1162980000	WMF 2.5 FU BLZ SW	B.225
1162990000	WMF 2.5 FU BLZ 10-36V SW	B.225
1163000000	WMF 2.5 FU BLZ 30-70V SW	B.225
1163010000	WMF 2.5 FU BLZ 60-150V SW	B.225
1163020000	WMF 2.5 FU BLZ 100-250V SW	B.225
1163040000	WMF 2.5 FU PE SW	B.222
1163050000	WMF 2.5 FU PE 10-36V SW	B.222
1163060000	WMF 2.5 FU PE 30-70V SW	B.222
1163070000	WMF 2.5 FU PE 60-150V SW	B.222
1163080000	WMF 2.5 FU PE 100-250V SW	B.222
1167440000	IL WMF2.5 BLZ OR	B.228
1167630000	FUCR SW	B.220
1167630000	FUCR SW	B.221
1167630000	FUCR SW	B.222
1167630000	FUCR SW	B.223
1167630000	FUCR SW	B.224
1167630000	FUCR SW	B.225
1167640000	FUCR 10-36V SW	B.220
1167640000	FUCR 10-36V SW	B.221
1167640000	FUCR 10-36V SW	B.222
1167640000	FUCR 10-36V SW	B.223
1167640000	FUCR 10-36V SW	B.224
1167640000	FUCR 10-36V SW	B.225
1167640000	FUCR 10-36V SW	B.228
1167680000	FUCR 100-250V SW	B.220
1167680000	FUCR 100-250V SW	B.221
1167680000	FUCR 100-250V SW	B.222
1167680000	FUCR 100-250V SW	B.223
1167680000	FUCR 100-250V SW	B.224
1167680000	FUCR 100-250V SW	B.225
1167890000	VREL 2 ZRV2.5/4	A.207
1167910000	VREL 8 ZRV2.5/4	A.207

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1173540000	BZT PRV16 SW 35X15	B.218
1173550000	BZT PRV16 SW 35X7.5	B.218
1173570000	BZT PRV8 SW 35X15	B.217
1173570000	BZT PRV8 SW 35X15	B.219
1173580000	BZT PRV8 SW 35X7.5	B.217
1173580000	BZT PRV8 SW 35X7.5	B.219
1173590000	BZT PRV4 SW 35X15	B.216
1173590000	BZT PRV4 SW 35X15	B.219
1173600000	BZT PRV4 SW 35X7.5	B.216
1173600000	BZT PRV4 SW 35X7.5	B.219
1173620000	PRV 16 SW 35X15 RT/WS	B.218
1173630000	TW PRV16	B.218
1173650000	PRV 16 SW 35X15 WS/RT	B.218
1173670000	TW PRV8	B.217
1173670000	TW PRV8	B.219
1173680000	PRV 16 SW 35X7.5 RT/WS	B.218
1173700000	TW PRV4	B.216
1173700000	TW PRV4	B.219
1173710000	PRV 16 SW 35X7.5 WS/RT	B.218
1173720000	PAP PRV/PPV8 SW	B.217
1173720000	PAP PRV/PPV8 SW	B.219
1173720000	PAP PRV/PPV8 SW	B.228
1173740000	PRV 8 SW 35X15 RT/WS	B.217
1173750000	PAP PRV/PPV4 SW	B.216
1173750000	PAP PRV/PPV4 SW	B.219
1173750000	PAP PRV/PPV4 SW	B.228
1173780000	PRV 8 SW 35X15 WS/RT	B.217
1173790000	PRV 8 SW 35X7.5 RT/WS	B.217
1173800000	PRV 8 SW 35X7.5 WS/RT	B.217
1173810000	PRV 4 SW 35X15 RT	B.216
1173820000	PRV 4 SW 35X15 WS	B.216
1173830000	PRV 4 SW 35X7.5 RT	B.216
1173840000	PRV 4 SW 35X7.5 WS	B.216
1173850000	PPV 8 GR 35X15 DGR	B.219
1173870000	PPV 8 GR 35X7.5 DGR	B.219
1173880000	PPV 4 GR 35X15 DGR	B.219
1173890000	PPV 4 GR 35X7.5 DGR	B.219
1173900000	PRV 8 BL 35X15 WS/RT	B.217
1173910000	PRV 8 BL 35X7.5 WS/RT	B.217
1173920000	PRV 4 BL 35X15 WS	B.216
1173930000	PRV 4 BL 35X7.5 WS	B.216

1180000000

1186630000	WDU 50N IR	A.256
1186630000	WDU 50N IR	B.28
1186720000	WAP WDK10	A.267
1186720000	WAP WDK10	A.268
1186720000	WAP WDK10	A.269
1186720000	WAP WDK10	A.270
1186720000	WAP WDK10	A.271
1186720000	WAP WDK10	A.283
1186720000	WAP WDK10	B.96

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1186730000	WAP WDK10 BL	A.267
1186730000	WAP WDK10 BL	A.268
1186730000	WAP WDK10 BL	A.269
1186730000	WAP WDK10 BL	A.270
1186730000	WAP WDK10 BL	A.271
1186730000	WAP WDK10 BL	A.283
1186730000	WAP WDK10 BL	B.96
1186740000	WDK 10	A.267
1186750000	WDK 10 BL	A.267
1186770000	WDK 10 V	A.268
1186780000	WDK 10 V BL	A.268

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1193450000	WTR 4/ZZ BL	A.310

1200000000

1208920000	ZVLD 2.5	A.150
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.216
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.217
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.218
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.219
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.279
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.281
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.283

1210000000

1210410000	ZAP ZVLD 2.5	A.150
1211450000	PAP PRV/PPV4 GR	B.216
1211450000	PAP PRV/PPV4 GR	B.219
1211450000	PAP PRV/PPV4 GR	B.228
1211460000	PAP PRV/PPV8 GR	B.217
1211460000	PAP PRV/PPV8 GR	B.219
1211460000	PAP PRV/PPV8 GR	B.228
1216230000	HBT 6,0 - 4,6 GE	A.249
1216230000	HBT 6,0 - 4,6 GE	A.251
1216230000	HBT 6,0 - 4,6 GE	B.173
1216230000	HBT 6,0 - 4,6 GE	B.175

1220000000

1227850000	ZEW 35/2 GR	C.21
1227890000	WEW 35/1 GR	C.13
1227890000	WEW 35/1 GR	C.21

1230000000

1230050000	TW PRV4 1-4	B.216
1230050000	TW PRV4 1-4	B.219
1230060000	TW PRV4 0-3	B.216
1230060000	TW PRV4 0-3	B.219
1230070000	TW PRV4 A-D	B.216
1230070000	TW PRV4 A-D	B.219
1230080000	TW PRV8 1-8	B.217
1230080000	TW PRV8 1-8	B.219
1230090000	TW PRV8 0-7	B.217
1230090000	TW PRV8 0-7	B.219
1230110000	TW PRV8 A-H	B.217
1230110000	TW PRV8 A-H	B.219
1230120000	TW PRV16 1-16	B.218
1230130000	TW PRV16 0-15	B.218
1230140000	TW PRV16 A-P	B.218
1231330000	WTR 4/ZZ STB BL	A.310
1233330000	HBT 2,5 - 4,6 BL	A.249
1233330000	HBT 2,5 - 4,6 BL	A.251
1233330000	HBT 2,5 - 4,6 BL	B.173
1233330000	HBT 2,5 - 4,6 BL	B.175
1233340000	HBT 1,5 - 4,6 RT	A.249
1233340000	HBT 1,5 - 4,6 RT	A.251
1233340000	HBT 1,5 - 4,6 RT	B.173
1233340000	HBT 1,5 - 4,6 RT	B.175
1238040000	ZEW 35 GR	C.21
1238880000	WAP WTL6 SL 4-6	B.173
1238880000	WAP WTL6 SL 4-6	B.175
1238920000	WTD 6 SL O.STB	B.172
1238920000	WTD 6 SL O.STB	B.173
1238930000	WTL 6 SL O.STB	B.172
1238930000	WTL 6 SL O.STB	B.173

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1246990000	SMSE WSH 135/60 MT	B.243
1247290000	WDK 2.5/TR-DU	A.318
1247310000	WDK 2.5/TR-DU STB	A.318
1247420000	WDK 2.5/TR-DU-PE	A.319
1247430000	WDK 2.5/TR-DU-PE STB	A.319

1250000000

1252490000	KLBUE 15-32 FM4	B.239
1252510000	KLBUE 10-20 FM4	B.239
1252520000	KLBUE 4-13.5 FM4	B.239
1252530000	KLBUE 3-8 FM4	B.239
1255010000	GWHUE M3 WTL6	B.172
1255010000	GWHUE M3 WTL6	B.173
1255010000	GWHUE M3 WTL6	B.174
1255010000	GWHUE M3 WTL6	B.175

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1265990000	ZSI 2X6/4X2.5	A.190
1267790000	PRV 16 BL 35X15 RT/WS	B.218
1267800000	PRV 16 BL 35X15 WS/RT	B.218
1267810000	PRV 16 BL 35X7.5 RT/WS	B.218
1267820000	PRV 16 BL 35X7.5 WS/RT	B.218
1267830000	PRV 8 BL 35X15 RT/WS	B.217
1267840000	PRV 8 BL 35X7.5 RT/WS	B.217
1267870000	PPV 8 BL 35X15 DGR	B.219
1267880000	PPV 8 BL 35X7.5 DGR	B.219
1267890000	PRV 4 BL 35X15 RT	B.216
1267900000	PRV 4 BL 35X7.5 RT	B.216
1267910000	PPV 4 BL 35X15 DGR	B.219
1267920000	PPV 4 BL 35X7.5 DGR	B.219
1267930000	BZT PRV16 BL 35X15	B.218
1267940000	BZT PRV16 BL 35X7.5	B.218
1267950000	BZT PRV8 BL 35X15	B.217
1267950000	BZT PRV8 BL 35X15	B.219
1267970000	BZT PRV8 BL 35X7.5	B.217
1267970000	BZT PRV8 BL 35X7.5	B.219
1267980000	BZT PRV4 BL 35X15	B.216
1267980000	BZT PRV4 BL 35X15	B.219
1267990000	BZT PRV4 BL 35X7.5	B.216
1267990000	BZT PRV4 BL 35X7.5	B.219
1268000000	PAP PRV/PPV8 BL	B.217
1268000000	PAP PRV/PPV8 BL	B.219
1268010000	PAP PRV/PPV4 BL	B.216
1268010000	PAP PRV/PPV4 BL	B.219
1268010000	PAP PRV/PPV4 BL	B.228
1269050000	EW 35 DB	C.21
1269070000	ZST 1	A.237

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1270040000	WMF 2.5 BL	B.220
1270070000	WMF 2.5 DI BL	B.220
1270080000	WMF 2.5 DI PE BL	B.221
1270310000	TSLD C	C.20
1278730000	ETA 1170 21 3A	A.189
1278740000	ETA 1170 21 4A	A.189
1278750000	ETA 1170 21 5A	A.189
1278760000	ETA 1170 21 6A	A.189
1278770000	ETA 1170 21 7.5A	A.189
1278780000	ETA 1170 21 8A	A.189
1278790000	ETA 1170 21 10A	A.189
1278810000	1170-21-15A	A.189
1278820000	ETA 1170 21 20A	A.189
1278830000	ETA 1170 21 25A	A.189
1278840000	ETA 1180 01 0.1A	A.188
1278840000	ETA 1180 01 0.1A	A.190
1278850000	ETA 1180 01 0.2A	A.188
1278850000	ETA 1180 01 0.2A	A.190
1278860000	ETA 1180 01 0.25A	A.188
1278860000	ETA 1180 01 0.25A	A.190
1278870000	ETA 1180 01 0.3A	A.188
1278870000	ETA 1180 01 0.3A	A.190
1278880000	ETA 1180 01 0.4A	A.188
1278880000	ETA 1180 01 0.4A	A.190
1278910000	ETA 1180 01 0.5A	A.188
1278910000	ETA 1180 01 0.5A	A.190
1278920000	ETA 1180 01 0.6A	A.188
1278920000	ETA 1180 01 0.6A	A.190
1278930000	ETA 1180 01 0.7A	A.188
1278930000	ETA 1180 01 0.7A	A.190
1278940000	ETA 1180 01 0.8A	A.188
1278940000	ETA 1180 01 0.8A	A.190
1278950000	ETA 1180 01 1A	A.188
1278950000	ETA 1180 01 1A	A.190
1278960000	ETA 1180 01 1.5A	A.188
1278960000	ETA 1180 01 1.5A	A.190
1278970000	ETA 1180 01 2A	A.188
1278970000	ETA 1180 01 2A	A.190
1278980000	ETA 1180 01 2.5A	A.188
1278980000	ETA 1180 01 2.5A	A.190
1278990000	ETA 1180 01 3A	A.188
1278990000	ETA 1180 01 3A	A.190
1279010000	ETA 1180 01 3.5A	A.188
1279010000	ETA 1180 01 3.5A	A.190
1279020000	ETA 1180 01 4A	A.188
1279020000	ETA 1180 01 4A	A.190
1279030000	ETA 1180 01 5A	A.188
1279030000	ETA 1180 01 5A	A.190
1279040000	ETA 1180 01 6A	A.188
1279040000	ETA 1180 01 6A	A.190
1279050000	ETA 1180 01 7A	A.188
1279050000	ETA 1180 01 7A	A.190
1279060000	ETA 1180 01 8A	A.188
1279060000	ETA 1180 01 8A	A.190
1279070000	ETA 1180 01 10A	A.188
1279070000	ETA 1180 01 10A	A.190

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1283470000	TS END CAP 35X7.5	B.12
1283470000	TS END CAP 35X7.5	C.19
1283480000	TS END CAP 35X15	B.24
1283480000	TS END CAP 35X15	C.19
1286600000	TST 2/M5	C.22

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1295550000	ZT 2.5/2AN/1 BL	A.196

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1301610000	PPV 4 OR 35X15 DGR	B.219
1301620000	PPV 8 OR 35X15 DGR	B.219
1301630000	PPV 4 OR 35X7.5 DGR	B.219
1301640000	PPV 8 OR 35X7.5 DGR	B.219
1303360000	AKE 2.5	A.273
1304720000	ZT 2.5/3AN/1 BL	A.196
1305230000	AH WDT 2.5 BT	A.320
1305240000	WAP WDT 2.5 BT	A.320
1305250000	WAP WDT 2.5 AT	A.320
1305250000	WAP WDT 2.5 AT	A.321
1305260000	WAP WDT 2.5/2	A.321
1305270000	WP 2.5/1AN/1	A.320
1305270000	WP 2.5/1AN/1	A.321
1305270000	WP 2.5/1AN/1	A.324
1305280000	WP 2.5/1AN/10	A.320
1305280000	WP 2.5/1AN/10	A.321
1305290000	WDT 2.5/2	A.321
1305300000	WDT 2.5/2 V	A.321
1305310000	WDT 2.5 BT	A.320
1305320000	WDT 2.5 AT	A.320
1305320000	WDT 2.5 AT	A.321
1305330000	WT 2.5	A.320

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1312440000	HBT 1,5 - 3,0 RT	A.247
1312440000	HBT 1,5 - 3,0 RT	A.300
1312440000	HBT 1,5 - 3,0 RT	A.311
1312440000	HBT 1,5 - 3,0 RT	A.312
1312440000	HBT 1,5 - 3,0 RT	A.313
1312450000	HBT 2,5 - 3,0 BL	A.247
1312450000	HBT 2,5 - 3,0 BL	A.300
1312450000	HBT 2,5 - 3,0 BL	A.311
1312450000	HBT 2,5 - 3,0 BL	A.312
1312450000	HBT 2,5 - 3,0 BL	A.313
1312500000	Q 2 DLI	A.350
1312500000	Q 2 DLI	B.190
1312500000	Q 2 DLI	B.191
1312500000	Q 2 DLI	B.192
1312500000	Q 2 DLI	B.193
1312600000	Q 3 DLI	A.350
1312600000	Q 3 DLI	B.190
1312600000	Q 3 DLI	B.191
1312600000	Q 3 DLI	B.192
1312600000	Q 3 DLI	B.193
1312700000	Q 4 DLI	A.350
1312700000	Q 4 DLI	B.190
1312700000	Q 4 DLI	B.191
1312700000	Q 4 DLI	B.192
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1527890000	ZQV 2.5N/20 BL	A.110
1527890000	ZQV 2.5N/20 BL	A.344
1527920000	ZQV 2.5N/50 BL	A.110
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1527930000	ZQV 4N/2	A.7
1527930000	ZQV 4N/2	A.8
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1527930000	ZQV 4N/2	A.20
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1527930000	ZQV 4N/2	A.27
1527930000	ZQV 4N/2	A.38
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1527930000	ZQV 4N/2	A.63
1527930000	ZQV 4N/2	A.64
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1527930000	ZQV 4N/2	A.267
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1527930000	ZQV 4N/2	B.212
1527930000	ZQV 4N/2	B.213
1527930000	ZQV 4N/2	B.214
1527930000	ZQV 4N/2	B.215
1527930000	ZQV 4N/2	B.257
1527930000	ZQV 4N/2	B.258
1527930000	ZQV 4N/2	B.262
1527930000	ZQV 4N/2	B.288
1527930000	ZQV 4N/2	B.289
1527940000	ZQV 4N/3	A.110
1527940000	ZQV 4N/3	A.344
1527940000	ZQV 4N/3	B.288
1527940000	ZQV 4N/3	B.289
1527970000	ZQV 4N/4	A.110
1527970000	ZQV 4N/4	A.344
1527970000	ZQV 4N/4	B.288
1527970000	ZQV 4N/4	B.289
1527980000	ZQV 4N/5	A.110
1527980000	ZQV 4N/5	A.344
1527990000	ZQV 4N/6	A.110
1527990000	ZQV 4N/6	A.344
1528020000	ZQV 4N/7	A.110
1528020000	ZQV 4N/7	A.344
1528030000	ZQV 4N/8	A.110
1528030000	ZQV 4N/8	A.344
1528040000	ZQV 4N/2 BL	A.110
1528040000	ZQV 4N/2 BL	A.344
1528040000	ZQV 4N/2 BL	B.114
1528040000	ZQV 4N/2 BL	B.115
1528040000	ZQV 4N/2 BL	B.116
1528040000	ZQV 4N/2 BL	B.118
1528040000	ZQV 4N/2 BL	B.119
1528070000	ZQV 4N/9	A.110
1528070000	ZQV 4N/9	A.344
1528080000	ZQV 4N/3 BL	A.110
1528080000	ZQV 4N/3 BL	A.344
1528090000	ZQV 4N/10	A.7
1528090000	ZQV 4N/10	A.8
1528090000	ZQV 4N/10	A.19
1528090000	ZQV 4N/10	A.20
1528090000	ZQV 4N/10	A.21
1528090000	ZQV 4N/10	A.27
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1528090000	ZQV 4N/10	A.110
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1528090000	ZQV 4N/10	A.300
1528090000	ZQV 4N/10	A.309
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1528090000	ZQV 4N/10	A.311
1528090000	ZQV 4N/10	A.312
1528090000	ZQV 4N/10	A.313
1528090000	ZQV 4N/10	A.322
1528090000	ZQV 4N/10	A.344
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1528090000	ZQV 4N/10	B.203
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1528090000	ZQV 4N/10	B.205
1528090000	ZQV 4N/10	B.206
1528090000	ZQV 4N/10	B.207
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1528090000	ZQV 4N/10	B.288
1528090000	ZQV 4N/10	B.289
1528120000	ZQV 4N/4 BL	A.110
1528120000	ZQV 4N/4 BL	A.344
1528130000	ZQV 4N/50	A.110
1528130000	ZQV 4N/50	A.344
1528140000	ZQV 4N/5 BL	A.110
1528140000	ZQV 4N/5 BL	A.344
1528170000	ZQV 4N/6 BL	A.110
1528170000	ZQV 4N/6 BL	A.344
1528180000	ZQV 4N/7 BL	A.110
1528180000	ZQV 4N/7 BL	A.344
1528190000	ZQV 4N/8 BL	A.110
1528190000	ZQV 4N/8 BL	A.344
1528220000	ZQV 4N/9 BL	A.110
1528220000	ZQV 4N/9 BL	A.344
1528230000	ZQV 4N/10 BL	A.110
1528230000	ZQV 4N/10 BL	A.344
1528230000	ZQV 4N/10 BL	B.114
1528230000	ZQV 4N/10 BL	B.115
1528230000	ZQV 4N/10 BL	B.116
1528230000	ZQV 4N/10 BL	B.118
1528230000	ZQV 4N/10 BL	B.119
1528240000	ZQV 4N/50 BL	A.110
1528240000	ZQV 4N/50 BL	A.344

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1545710000	BLZ/SL KO BK BX	B.226
1547490000	EBB 25-50/16	B.250
1547500000	JB 25-50	B.250
1547610000	A2T 2.5	A.34
1547610000	A2T 2.5	A.105
1547620000	A2T 2.5 BL	A.34
1547640000	A2T 2.5 FT-PE	A.35
1547650000	A2T 2.5 VL	A.35
1547660000	A2T 2.5 VL BL	A.35
1547680000	A2T 2.5 PE	A.57
1547680000	A2T 2.5 PE	A.105
1547690000	AEP 2T 2.5	A.34
1547690000	AEP 2T 2.5	A.35
1547690000	AEP 2T 2.5	A.36
1547690000	AEP 2T 2.5	A.37
1547690000	AEP 2T 2.5	A.57
1547690000	AEP 2T 2.5	A.78
1547690000	AEP 2T 2.5	A.79
1547690000	AEP 2T 2.5	A.92
1547690000	AEP 2T 2.5	A.93
1547690000	AEP 2T 2.5	A.94
1547690000	AEP 2T 2.5	A.95
1547700000	AEP 2T 2.5 BL	A.34
1547700000	AEP 2T 2.5 BL	A.35
1547700000	AEP 2T 2.5 BL	A.36
1547700000	AEP 2T 2.5 BL	A.37
1547700000	AEP 2T 2.5 BL	A.78
1547700000	AEP 2T 2.5 BL	A.79
1548060000	APGTB 2.5 2T 4C/2	A.78
1548060000	APGTB 2.5 2T 4C/2	A.105
1548070000	APGTB 2.5 2T 4C/2 BL	A.78
1548130000	APGTB 2.5 2T FT-PE 4C/2	A.79
1548140000	APGTB 2.5 2T VL 4C/2	A.79
1548150000	APGTB 2.5 2T VL 4C/2 BL	A.79
1548160000	APGTB 2.5 2T PE 4C/2	A.79
1548160000	APGTB 2.5 2T PE 4C/2	A.105

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1552600000	AEP 2C 1.5	A.16
1552600000	AEP 2C 1.5	A.46
1552600000	AEP 2C 1.5	A.72
1552610000	AEP 2C 1.5 BL	A.16
1552610000	AEP 2C 1.5 BL	A.72
1552620000	AEP 3C 1.5	A.16
1552620000	AEP 3C 1.5	A.46
1552620000	AEP 3C 1.5	A.73
1552630000	AEP 3C 1.5 BL	A.16
1552630000	AEP 3C 1.5 BL	A.73
1552640000	AEP 4C 1.5	A.17
1552640000	AEP 4C 1.5	A.47
1552650000	AEP 4C 1.5 BL	A.17
1552660000	A4C 1.5 PE	A.47
1552660000	A4C 1.5 PE	A.105
1552670000	A3C 1.5 PE	A.46
1552670000	A3C 1.5 PE	A.105
1552680000	A2C 1.5 PE	A.46
1552680000	A2C 1.5 PE	A.105
1552690000	A4C 1.5	A.17
1552690000	A4C 1.5	A.105
1552690000	A4C 1.5	A.118
1552700000	A4C 1.5 BL	A.17
1552700000	A4C 1.5 BL	A.118
1552720000	A4C 1.5 OR	A.118
1552740000	A3C 1.5	A.16
1552740000	A3C 1.5	A.105
1552740000	A3C 1.5	A.118
1552770000	A3C 1.5 BL	A.16
1552770000	A3C 1.5 BL	A.118
1552780000	A3C 1.5 OR	A.118
1552790000	A2C 1.5	A.16
1552790000	A2C 1.5	A.105
1552790000	A2C 1.5	A.118
1552820000	A2C 1.5 BL	A.16
1552820000	A2C 1.5 BL	A.118
1552830000	A2C 1.5 OR	A.118

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1560650000	WPD 101 2X25/2X16 GN	B.58
1560670000	WPD 101 2X25/2X16 BL	B.58
1560730000	WPD 101 2X25/2X16 GY	B.58
1561100000	WPD 101 2X25/2X16 BK	B.58
1561120000	WPD 101 2X25/2X16 BN	B.58
1561130000	WPD 301 2X25/2X16 3XGY	B.58
1561620000	WPD 202 4X35/4X25 GN	B.64
1561630000	WPD 102 2X35/2X25 BK	B.62
1561640000	WPD 102 2X35/2X25 BL	B.62
1561650000	WPD 102 2X35/2X25 BN	B.62
1561670000	WPD 102 2X35/2X25 GN	B.62
1561680000	WPD 102 2X35/2X25 GY	B.62
1561690000	WPD 202 4X35/4X25 BK	B.64
1561700000	WPD 202 4X35/4X25 BL	B.64
1561720000	WPD 202 4X35/4X25 BN	B.64
1561730000	WPD 202 4X35/4X25 GY	B.64
1561740000	WPD 302 2X35/2X25 3XGY	B.62
1561750000	WPD 501 2X25/2X16 5XGY	B.59
1561770000	WPD 103 2X70/2X50 GY	B.66
1561780000	WPD 103 2X70/2X50 BL	B.66
1561790000	WPD 103 2X70/2X50 GN	B.66
1561800000	WPD 401 2X25/2X16 4XGY	B.59
1561820000	WPD 103 2X70/2X50 BN	B.66
1561830000	WPD 103 2X70/2X50 BK	B.66
1561900000	WQB WPD X08-09/2	B.80
1561900000	WQB WPD X08-09/2	B.82
1561910000	WPD 100 2X25/6X10 GY	B.54
1561920000	WPD 100 2X25/6X10 BL	B.54
1561930000	WPD 100 2X25/6X10 GN	B.54
1561940000	WQB WPD X06/2	B.76
1561960000	WQB WPD X05/2	B.72
1561970000	WQB WPD X05/3	B.72
1561980000	WQB WPD X04/2	B.68
1561990000	WQB WPD X04/3	B.68
1562000000	WPD 104 1X25+1X16/2X16+3X10 GY	B.68
1562090000	WPD 109 1X185/2X35+3X25+4X16 GY	B.82
1562100000	WPD 108 1X120/2X35+3X25+4X16 GY	B.80
1562130000	WPD 401 2X25/2X16 3XGY/1XBL	B.59
1562140000	WPD 501 2X25/2X16 1XGN/3XGY/1XBL	B.59
1562150000	WPD 204 2X25/4X16+6X10 2XGY	B.68
1562160000	WPD 304 3X25/6X16+9X10 3XGY	B.69
1562170000	WPD 105 1X35+1X16/2X25+3X16 GY	B.72
1562180000	WPD 205 2X35/4X25+6X16 2XGY	B.72
1562190000	WPD 305 3X35/6X25+9X16 3XGY	B.73
1562210000	WPD 106 1X70/2X25+3X16 GY	B.76
1562220000	WPD 107 1X95/2X35+8X25 GY	B.78
1563900000	WD 1 25 K KARTE A 6 ST	A.372
1563900000	WD 1 25 K KARTE A 6 ST	A.373
1563900000	WD 1 25 K KARTE A 6 ST	A.374
1563900000	WD 1 25 K KARTE A 6 ST	A.375

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1573010000	BLZ/SL KO OR BX	B.226
1577320000	WAP WDU1.5/BLZ/ZA	A.328
1577330000	WAP WDU1.5/BLZ	A.328
1577340000	WDU 1.5/BLZ 5.08	A.328
1577400000	WAD WDU1.5/BLZ/BLA	A.329
1577570000	WQV 2.5/20	A.348
1577600000	WQV 2.5/32	A.348

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1592810000	KLBUE 4-13.5	B.236

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1600480000	KLBUE 3-8	B.236
1600490000	KLBUE 10-20	B.236
1604200000	SSP WTL6/2	B.170
1604200000	SSP WTL6/2	B.176
1604200000	SSP WTL6/2	B.177
1604270000	WKS 1/2	B.171
1604270000	WKS 1/2	B.176
1604270000	WKS 1/2	B.177
1604280000	WKB 1/2	B.171
1604290000	WKS 1/3	B.171
1604290000	WKS 1/3	B.177
1604300000	WKB 1/3	B.171
1604310000	WKS 1/4	B.171
1604310000	WKS 1/4	B.177
1604320000	WKB 1/4	B.164
1604320000	WKB 1/4	B.171
1604330000	WKB 1/10	B.171
1607720000	ESO 7 DIN A4 WS	A.201
1607720000	ESO 7 DIN A4 WS	A.209
1608510000	ZDU 2.5	A.130
1608520000	ZDU 2.5 BL	A.130
1608540000	ZDU 2.5/3AN	A.130
1608550000	ZDU 2.5/3AN BL	A.130
1608570000	ZDU 2.5/4AN	A.131
1608580000	ZDU 2.5/4AN BL	A.131
1608600000	ZDU 2.5/2X2AN	A.131
1608610000	ZDU 2.5/2X2AN BL	A.131
1608620000	ZDU 6	A.133
1608630000	ZDU 6 BL	A.133
1608640000	ZPE 2.5	A.162
1608650000	ZPE 2.5/3AN	A.163
1608660000	ZPE 2.5/4AN	A.163
1608670000	ZPE 6	A.165
1608740000	ZAP/TW 1	A.130
1608740000	ZAP/TW 1	A.162
1608740000	ZAP/TW 1	A.192
1608740000	ZAP/TW 1	B.158
1608750000	ZAP/TW 1 BL	A.130
1608770000	ZAP/TW 2 DB	A.130
1608770000	ZAP/TW 2 DB	A.163
1608780000	ZAP/TW 2 BL	A.130
1608800000	ZAP/TW 3	A.131
1608800000	ZAP/TW 3	A.163
1608800000	ZAP/TW 3	A.177
1608800000	ZAP/TW 3	A.178
1608800000	ZAP/TW 3	A.179
1608800000	ZAP/TW 3	A.192
1608800000	ZAP/TW 3	A.193
1608800000	ZAP/TW 3	A.216
1608800000	ZAP/TW 3	A.217
1608810000	ZAP/TW 3 BL	A.131
1608830000	ZAP/TW 5	A.133
1608830000	ZAP/TW 5	A.165
1608840000	ZAP/TW 5 BL	A.133
1608860000	ZQV 2.5/2	A.130
1608860000	ZQV 2.5/2	A.131
1608860000	ZQV 2.5/2	A.135
1608860000	ZQV 2.5/2	A.138
1608860000	ZQV 2.5/2	A.141
1608860000	ZQV 2.5/2	A.142
1608860000	ZQV 2.5/2	A.143
1608860000	ZQV 2.5/2	A.146
1608860000	ZQV 2.5/2	A.147
1608860000	ZQV 2.5/2	A.148
1608860000	ZQV 2.5/2	A.149
1608860000	ZQV 2.5/2	A.150
1608860000	ZQV 2.5/2	A.152
1608860000	ZQV 2.5/2	A.153
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1608860000	ZQV 2.5/2	A.192
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1608860000	ZQV 2.5/2	A.207
1608860000	ZQV 2.5/2	A.218
1608860000	ZQV 2.5/2	A.219
1608860000	ZQV 2.5/2	A.220
1608860000	ZQV 2.5/2	A.221
1608860000	ZQV 2.5/2	A.222
1608860000	ZQV 2.5/2	A.223

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1608860000	ZQV 2.5/2	A.224
1608860000	ZQV 2.5/2	A.230
1608860000	ZQV 2.5/2	B.188
1608860000	ZQV 2.5/2	B.189
1608870000	ZQV 2.5/3	A.230
1608870000	ZQV 2.5/3	B.188
1608870000	ZQV 2.5/3	B.189
1608880000	ZQV 2.5/4	A.230
1608880000	ZQV 2.5/4	B.188
1608880000	ZQV 2.5/4	B.189
1608890000	ZQV 2.5/5	A.230
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1608910000	ZQV 2.5/7	A.230
1608920000	ZQV 2.5/8	A.230
1608930000	ZQV 2.5/9	A.230
1608940000	ZQV 2.5/10	A.130
1608940000	ZQV 2.5/10	A.131
1608940000	ZQV 2.5/10	A.138
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1608940000	ZQV 2.5/10	A.143
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1608940000	ZQV 2.5/10	A.153
1608940000	ZQV 2.5/10	A.154
1608940000	ZQV 2.5/10	A.158
1608940000	ZQV 2.5/10	A.159
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1608940000	ZQV 2.5/10	A.193
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1608940000	ZQV 2.5/10	A.222
1608940000	ZQV 2.5/10	A.223
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1608940000	ZQV 2.5/10	B.188
1608940000	ZQV 2.5/10	B.189
1608950000	ZQV 4/2 GE	A.132
1608950000	ZQV 4/2 GE	A.133
1608950000	ZQV 4/2 GE	A.139
1608950000	ZQV 4/2 GE	A.140
1608950000	ZQV 4/2 GE	A.155
1608950000	ZQV 4/2 GE	A.156
1608950000	ZQV 4/2 GE	A.182
1608950000	ZQV 4/2 GE	A.184
1608950000	ZQV 4/2 GE	A.186
1608950000	ZQV 4/2 GE	A.187
1608950000	ZQV 4/2 GE	A.198
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1608960000	ZQV 4/3 GE	A.230
1608970000	ZQV 4/4 GE	A.230
1608980000	ZQV 4/5 GE	A.230
1608990000	ZQV 4/6 GE	A.230
1609000000	ZQV 4/7 GE	A.230
1609010000	ZQV 4/8 GE	A.230
1609020000	ZQV 4/9 GE	A.230
1609030000	ZQV 4/10 GE	A.132
1609030000	ZQV 4/10 GE	A.133
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1609030000	ZQV 4/10 GE	A.140
1609030000	ZQV 4/10 GE	A.155
1609030000	ZQV 4/10 GE	A.156
1609030000	ZQV 4/10 GE	A.223
1609030000	ZQV 4/10 GE	A.230
1609040000	ZTA 1	A.130
1609040000	ZTA 1	A.131
1609040000	ZTA 1	A.151
1609040000	ZTA 1	A.162
1609040000	ZTA 1	A.163
1609040000	ZTA 1	A.192
1609040000	ZTA 1	A.232
1609040000	ZTA 1	B.95
1609050000	ZTA 1/ZA	A.130
1609050000	ZTA 1/ZA	A.131
1609050000	ZTA 1/ZA	A.162
1609050000	ZTA 1/ZA	A.163
1609050000	ZTA 1/ZA	A.192
1609050000	ZTA 1/ZA	A.232
1609050000	ZTA 1/ZA	B.254
1609060000	ZTA 2 ZDU4	A.132
1609060000	ZTA 2 ZDU4	A.133
1609060000	ZTA 2 ZDU4	A.163
1609060000	ZTA 2 ZDU4	A.164
1609060000	ZTA 2 ZDU4	A.232
1609070000	ZTA 2/ZA ZDU4	A.132
1609070000	ZTA 2/ZA ZDU4	A.133
1609070000	ZTA 2/ZA ZDU4	A.163
1609070000	ZTA 2/ZA ZDU4	A.164
1609070000	ZTA 2/ZA ZDU4	A.232
1609080000	ZAD 2/4	A.132
1609080000	ZAD 2/4	A.133
1609080000	ZAD 2/4	A.141
1609110000	ZAD 1/4	A.130
1609110000	ZAD 1/4	A.131
1609110000	ZAD 1/4	A.139
1609110000	ZAD 1/4	A.140
1609110000	ZAD 1/4	A.155
1609110000	ZAD 1/4	A.156
1609110000	ZAD 1/4	A.157
1609120000	ZAD 3/4	A.129
1609120000	ZAD 3/4	A.133
1609810000	DEK 5/5 MC SDR	A.138
1609810000	DEK 5/5 MC SDR	A.139
1609820000	DEK 5/6 MC NE WS	A.132
1609820000	DEK 5/6 MC NE WS	A.133
1609820000	DEK 5/6 MC NE WS	A.139
1609820000	DEK 5/6 MC NE WS	A.140
1609820000	DEK 5/6 MC NE WS	A.155
1609820000	DEK 5/6 MC NE WS	A.156
1609820000	DEK 5/6 MC NE WS	A.157
1609820000	DEK 5/6 MC NE WS	A.163
1609820000	DEK 5/6 MC NE WS	A.164
1609820000	DEK 5/6 MC NE WS	A.169
1609820000	DEK 5/6 MC NE WS	A.170
1609820000	DEK 5/6 MC NE WS	A.175
1609820000	DEK 5/6 MC NE WS	A.188
1609820000	DEK 5/6 MC NE WS	A.196
1609820000	DEK 5/6 MC NE WS	A.198
1609820000	DEK 5/6 MC NE WS	A.201
1609820000	DEK 5/6 MC NE WS	A.223
1609820000	DEK 5/6 MC NE WS	A.244
1609820000	DEK 5/6 MC NE WS	A.245
1609820000	DEK 5/6 MC NE WS	A.246
1609820000	DEK 5/6 MC NE WS	A.265
1609820000	DEK 5/6 MC NE WS	A.266
1609820000	DEK 5/6 MC NE WS	A.267
1609820000	DEK 5/6 MC NE WS	A.274
1609820000	DEK 5/6 MC NE WS	A.275
1609820000	DEK 5/6 MC NE WS	A.276
1609820000	DEK 5/6 MC NE WS	A.283
1609820000	DEK 5/6 MC NE WS	A.284
1609820000	DEK 5/6 MC NE WS	A.285
1609820000	DEK 5/6 MC NE WS	A.300
1609820000	DEK 5/6 MC NE WS	A.311
1609820000	DEK 5/6 MC NE WS	A.312
1609820000	DEK 5/6 MC NE WS	A.313
1609820000	DEK 5/6 MC NE WS	A.316
1609820000	DEK 5/6 MC NE WS	A.322
1609820000	DEK 5/6 MC NE WS	A.330
1609820000	DEK 5/6 MC NE WS	A.366
1609820000	DEK 5/6 MC NE WS	A.367
1609820000	DEK 5/6 MC NE WS	A.368
1609820000	DEK 5/6 MC NE WS	A.369
1609820000	DEK 5/6 MC NE WS	B.158
1609820000	DEK 5/6 MC NE WS	B.190
1609820000	DEK 5/6 MC NE WS	B.191
1609820000	DEK 5/6 MC NE WS	B.192
1609820000	DEK 5/6 MC NE WS	B.193
1609840000	DEK 5/6.5 MC NE WS	A.314
1609840000	DEK 5/6.5 MC NE WS	A.315
1609860000	WS 12/5 MC NE WS	A.134
1609860000	WS 12/5 MC NE WS	A.146
1609860000	WS 12/5 MC NE WS	A.147
1609860000	WS 12/5 MC NE WS	A.148
1609860000	WS 12/5 MC NE WS	A.149
1609860000	WS 12/5 MC NE WS	A.151
1609860000	WS 12/5 MC NE WS	A.174
1609860000	WS 12/5 MC NE WS	A.207
1609860000	WS 12/5 MC NE WS	A.219
1609860000	WS 12/5 MC NE WS	A.241
1609860000	WS 12/5 MC NE WS	A.242
1609860000	WS 12/5 MC NE WS	A.243
1609860000	WS 12/5 MC NE WS	A.244
1609860000	WS 12/5 MC NE WS	A.252
1609860000	WS 12/5 MC NE WS	A.253
1609860000	WS 12/5 MC NE WS	A.254
1609860000	WS 12/5 MC NE WS	A.257
1609860000	WS 12/5 MC NE WS	A.272
1609860000	WS 12/5 MC NE WS	A.273
1609860000	WS 12/5 MC NE WS	A.274
1609860000	WS 12/5 MC NE WS	A.299
1609860000	WS 12/5 MC NE WS	A.308
1609860000	WS 12/5 MC NE WS	A.309
1609860000	WS 12/5 MC NE WS	A.310
1609860000	WS 12/5 MC NE WS	A.311
1609860000	WS 12/5 MC NE WS	A.326
1609860000	WS 12/5 MC NE WS	A.330
1609860000	WS 12/5 MC NE WS	A.366
1609860000	WS 12/5 MC NE WS	A.370
1609860000	WS 12/5 MC NE WS	B.27
1609860000	WS 12/5 MC NE WS	B.29
1609860000	WS 12/5 MC NE WS	B.95
1609860000	WS 12/5 MC NE WS	B.188
1609860000	WS 12/5 MC NE WS	B.255
1609860000	WS 12/5 MC NE WS	B.262
1609860000	WS 12/5 MC NE WS	B.298
1609860000	WS 12/5 MC NE WS	B.299
1609860000	WS 12/5 MC NE WS	B.300
1609870000	WS 12/5 MC SDR	A.328
1609880000	WS 15/5 MC NE WS	A.135
1609880000	WS 15/5 MC NE WS	A.136
1609880000	WS 15/5 MC NE WS	A.167
1609880000	WS 15/5 MC NE WS	A.366
1609880000	WS 15/5 MC NE WS	A.367
1609880000	WS 15/5 MC NE WS	A.368
1609880000	WS 15/5 MC NE WS	A.369
1609900000	WS 12/6 MC NE WS	A.129
1609900000	WS 12/6 MC NE WS	A.133
1609900000	WS 12/6 MC NE WS	A.139
1609900000	WS 12/6 MC NE WS	A.140
1609900000	WS 12/6 MC NE WS	A.163
1609900000	WS 12/6 MC NE WS	A.164
1609900000	WS 12/6 MC NE WS	A.165
1609900000	WS 12/6 MC NE WS	A.166
1609900000	WS 12/6 MC NE WS	A.169
1609900000	WS 12/6 MC NE WS	A.170
1609900000	WS 12/6 MC NE WS	A.188
1609900000	WS 12/6 MC NE WS	A.245
1609900000	WS 12/6 MC NE WS	A.246
1609900000	WS 12/6 MC NE WS	A.247
1609900000	WS 12/6 MC NE WS	A.276
1609900000	WS 12/6 MC NE WS	A.284
1609900000	WS 12/6 MC NE WS	A.285
1609900000	WS 12/6 MC NE WS	A.286
1609900000	WS 12/6 MC NE WS	A.287
1609900000	WS 12/6 MC NE WS	A.288
1609900000	WS 12/6 MC NE WS	A.300
1609900000	WS 12/6 MC NE WS	A.311
1609900000	WS 12/6 MC NE WS	A.312
1609900000	WS 12/6 MC NE WS	A.313
1609900000	WS 12/6 MC NE WS	B.158
1609900000	WS 12/6 MC NE WS	B.178
1609900000	WS 12/6 MC NE WS	B.179
1609900000	WS 12/6 MC NE WS	B.262
1609900000	WS 12/6 MC NE WS	B.269
1609920000	WS 12/6.5 MC NE WS	A.248
1609920000	WS 12/6.5 MC NE WS	A.249
1609920000	WS 12/6.5 MC NE WS	A.250
1609920000	WS 12/6.5 MC NE WS	A.251
1609920000	WS 12/6.5 MC NE WS	A.252
1609920000	WS 12/6.5 MC NE WS	A.254
1609920000	WS 12/6.5 MC NE WS	A.255
1609920000	WS 12/6.5 MC NE WS	A.256
1609920000	WS 12/6.5 MC NE WS	A.257
1609920000	WS 12/6.5 MC NE WS	A.258
1609920000	WS 12/6.5 MC NE WS	A.261
1609920000	WS 12/6.5 MC NE WS	A.277
1609920000	WS 12/6.5 MC NE WS	A.278
1609920000	WS 12/6.5 MC NE WS	A.279
1609920000	WS 12/6.5 MC NE WS	A.280
1609920000	WS 12/6.5 MC NE WS	A.281
1609920000	WS 12/6.5 MC NE WS	A.289
1609920000	WS 12/6.5 MC NE WS	A.290
1609920000	WS 12/6.5 MC NE WS	A.291
1609920000	WS 12/6.5 MC NE WS	A.292
1609920000	WS 12/6.5 MC NE WS	A.293
1609920000	WS 12/6.5 MC NE WS	A.294
1609920000	WS 12/6.5 MC NE WS	A.372
1609920000	WS 12/6.5 MC NE WS	A.373
1609920000	WS 12/6.5 MC NE WS	A.374
1609920000	WS 12/6.5 MC NE WS	A.375
1609920000	WS 12/6.5 MC NE WS	B.26
1609920000	WS 12/6.5 MC NE WS	B.27
1609920000	WS 12/6.5 MC NE WS	B.28
1609920000	WS 12/6.5 MC NE WS	B.29
1609920000	WS 12/6.5 MC NE WS	B.30
1609920000	WS 12/6.5 MC NE WS	B.32
1609920000	WS 12/6.5 MC NE WS	B.33
1609920000	WS 12/6.5 MC NE WS	B.34
1609920000	WS 12/6.5 MC NE WS	B.35
1609920000	WS 12/6.5 MC NE WS	B.157
1609920000	WS 12/6.5 MC NE WS	B.163
1609920000	WS 12/6.5 MC NE WS	B.164
1609920000	WS 12/6.5 MC NE WS	B.173
1609920000	WS 12/6.5 MC NE WS	B.175
1609920000	WS 12/6.5 MC NE WS	B.263
1609920000	WS 12/6.5 MC NE WS	B.264
1609920000	WS 12/6.5 MC NE WS	B.265
1609920000	WS 12/6.5 MC NE WS	B.266

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1610110000	TSTW D 4.3	C.22
1610840000	ZAP TNHE/ZSI2.5	A.177
1610840000	ZAP TNHE/ZSI2.5	A.178
1610840000	ZAP TNHE/ZSI2.5	A.179
1610840000	ZAP TNHE/ZSI2.5	A.180
1610840000	ZAP TNHE/ZSI2.5	A.181
1611930000	ZGB 30	A.209
1611930000	ZGB 30	A.328
1614280000	ZRH 2.5/3	A.235
1614290000	ZRH 2.5/2 GR/VO	A.130
1614290000	ZRH 2.5/2 GR/VO	A.131
1614290000	ZRH 2.5/2 GR/VO	A.162
1614290000	ZRH 2.5/2 GR/VO	A.163
1614290000	ZRH 2.5/2 GR/VO	A.216
1614290000	ZRH 2.5/2 GR/VO	A.217
1614290000	ZRH 2.5/2 GR/VO	A.235
1614290000	ZRH 2.5/2 GR/VO	B.254
1614300000	ZRH 2.5/1 WS	A.130
1614300000	ZRH 2.5/1 WS	A.131
1614300000	ZRH 2.5/1 WS	A.162
1614300000	ZRH 2.5/1 WS	A.163
1614300000	ZRH 2.5/1 WS	A.216
1614300000	ZRH 2.5/1 WS	A.217
1614300000	ZRH 2.5/1 WS	A.235
1614300000	ZRH 2.5/1 WS	B.254
1616400000	ZSI 2.5	A.177
1616410000	ZSI 2.5/LD 250AC	A.179
1616420000	ZSI 2.5/LD 120AC	A.179
1616430000	ZSI 2.5/LD 60AC	A.179
1616440000	ZSI 2.5/LD 28AC	A.179
1616460000	ZSI 2.5/2 500AC	A.180
1616470000	ZSI 2.5/2/LD 28AC	A.181
1616490000	ZSI 2.5/2/LD 120AC	A.181
1616500000	ZSI 2.5/2/LD 250AC	A.181

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1627850000	ZQV 6/2 GE	A.141
1627850000	ZQV 6/2 GE	A.177
1627850000	ZQV 6/2 GE	A.178
1627850000	ZQV 6/2 GE	A.179
1627850000	ZQV 6/2 GE	A.188
1627850000	ZQV 6/2 GE	A.189
1627850000	ZQV 6/2 GE	A.190
1627850000	ZQV 6/2 GE	A.193
1627850000	ZQV 6/2 GE	A.219
1627850000	ZQV 6/2 GE	A.231
1627850000	ZQV 6/2 GE	B.157
1627860000	ZQV 6/3 GE	A.231
1627860000	ZQV 6/3 GE	B.157
1627870000	ZQV 6/4 GE	A.133
1627870000	ZQV 6/4 GE	A.135
1627870000	ZQV 6/4 GE	A.141
1627870000	ZQV 6/4 GE	A.177
1627870000	ZQV 6/4 GE	A.178
1627870000	ZQV 6/4 GE	A.179
1627870000	ZQV 6/4 GE	A.188
1627870000	ZQV 6/4 GE	A.193
1627870000	ZQV 6/4 GE	A.219
1627870000	ZQV 6/4 GE	A.231
1627870000	ZQV 6/4 GE	B.157

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1632060000	ZDU 4 BL	A.132
1632080000	ZPE 4	A.163
1632090000	ZAP/TW 4	A.132
1632090000	ZAP/TW 4	A.163
1632100000	ZAP/TW 4 BL	A.132
1632130000	ZRH 1.5N/2	A.235
1632130000	ZRH 1.5N/2	B.188
1632130000	ZRH 1.5N/2	B.189
1632140000	ZRH 1.5N/1	A.235
1632140000	ZRH 1.5N/1	B.188
1632140000	ZRH 1.5N/1	B.189
1632290000	WTA 1 WDU1.5	A.243
1632290000	WTA 1 WDU1.5	A.244
1632290000	WTA 1 WDU1.5	A.246
1632290000	WTA 1 WDU1.5	A.354
1632300000	WTA 1/ZA WDU1.5	A.243
1632300000	WTA 1/ZA WDU1.5	A.244
1632300000	WTA 1/ZA WDU1.5	A.246
1632300000	WTA 1/ZA WDU1.5	A.354
1632320000	WTA 2 WDU2.5-10	A.241
1632320000	WTA 2 WDU2.5-10	A.242
1632320000	WTA 2 WDU2.5-10	A.243
1632320000	WTA 2 WDU2.5-10	A.253
1632320000	WTA 2 WDU2.5-10	A.354
1632320000	WTA 2 WDU2.5-10	B.262
1632320000	WTA 2 WDU2.5-10	B.263
1632330000	WTA 2/ZA WDU2.5-10	A.241
1632330000	WTA 2/ZA WDU2.5-10	A.242
1632330000	WTA 2/ZA WDU2.5-10	A.243
1632330000	WTA 2/ZA WDU2.5-10	A.354
1632330000	WTA 2/ZA WDU2.5-10	B.262
1632340000	WTA 2/10 WDU2.5/10	A.354
1632350000	WTA 3 WDU4	A.245
1632350000	WTA 3 WDU4	A.247
1632350000	WTA 3 WDU4	A.248
1632350000	WTA 3 WDU4	A.250
1632350000	WTA 3 WDU4	A.354
1632350000	WTA 3 WDU4	B.262
1632360000	WTA 3/ZA WDU4	A.245
1632360000	WTA 3/ZA WDU4	A.354
1632360000	WTA 3/ZA WDU4	B.262
1632380000	WTA 6 WTR2.5	A.308
1632380000	WTA 6 WTR2.5	A.354
1632390000	WTA 6/ZA WTR2.5	A.354
1633200000	ZQS 2.5/2	A.180
1633200000	ZQS 2.5/2	A.181
1633200000	ZQS 2.5/2	A.230
1633210000	ZQS 2.5/3	A.230
1633220000	ZQS 2.5/4	A.180
1633220000	ZQS 2.5/4	A.181

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1633230000	ZQS 2.5/5	A.230
1633280000	VQB 1.5/50 BL	A.271
1633280000	VQB 1.5/50 BL	A.316
1633280000	VQB 1.5/50 BL	B.97
1633280000	VQB 1.5/50 BL	B.190
1633280000	VQB 1.5/50 BL	B.191
1633280000	VQB 1.5/50 BL	B.192
1633280000	VQB 1.5/50 BL	B.193
1633290000	VQB 1.5/50 RT	A.271
1633290000	VQB 1.5/50 RT	A.316
1633290000	VQB 1.5/50 RT	B.97
1633290000	VQB 1.5/50 RT	B.190
1633290000	VQB 1.5/50 RT	B.191
1633290000	VQB 1.5/50 RT	B.192
1633290000	VQB 1.5/50 RT	B.193
1635000000	WS 10/5 MC NE WS	A.122
1635000000	WS 10/5 MC NE WS	A.123
1635000000	WS 10/5 MC NE WS	A.124
1635000000	WS 10/5 MC NE WS	A.125
1635000000	WS 10/5 MC NE WS	A.130
1635000000	WS 10/5 MC NE WS	A.131
1635000000	WS 10/5 MC NE WS	A.152
1635000000	WS 10/5 MC NE WS	A.153
1635000000	WS 10/5 MC NE WS	A.154
1635000000	WS 10/5 MC NE WS	A.158
1635000000	WS 10/5 MC NE WS	A.159
1635000000	WS 10/5 MC NE WS	A.160
1635000000	WS 10/5 MC NE WS	A.161
1635000000	WS 10/5 MC NE WS	A.162
1635000000	WS 10/5 MC NE WS	A.163
1635000000	WS 10/5 MC NE WS	A.169
1635000000	WS 10/5 MC NE WS	A.177
1635000000	WS 10/5 MC NE WS	A.178
1635000000	WS 10/5 MC NE WS	A.179
1635000000	WS 10/5 MC NE WS	A.180
1635000000	WS 10/5 MC NE WS	A.181
1635000000	WS 10/5 MC NE WS	A.182
1635000000	WS 10/5 MC NE WS	A.184
1635000000	WS 10/5 MC NE WS	A.186
1635000000	WS 10/5 MC NE WS	A.187
1635000000	WS 10/5 MC NE WS	A.192
1635000000	WS 10/5 MC NE WS	A.199
1635000000	WS 10/5 MC NE WS	A.200
1635000000	WS 10/5 MC NE WS	A.204
1635000000	WS 10/5 MC NE WS	A.208
1635000000	WS 10/5 MC NE WS	A.209
1635000000	WS 10/5 MC NE WS	A.216
1635000000	WS 10/5 MC NE WS	A.217
1635000000	WS 10/5 MC NE WS	A.320
1635000000	WS 10/5 MC NE WS	A.321
1635000000	WS 10/5 MC NE WS	B.221
1635000000	WS 10/5 MC NE WS	B.222
1635000000	WS 10/5 MC NE WS	B.223
1635000000	WS 10/5 MC NE WS	B.224
1635000000	WS 10/5 MC NE WS	B.225
1635120000	VQB 1.5/50 SW	A.271
1635120000	VQB 1.5/50 SW	A.316
1635120000	VQB 1.5/50 SW	B.97
1635120000	VQB 1.5/50 SW	B.190
1635120000	VQB 1.5/50 SW	B.191
1635120000	VQB 1.5/50 SW	B.192
1635120000	VQB 1.5/50 SW	B.193
1636560000	WQV 16N/2	A.253
1636560000	WQV 16N/2	A.349
1636560000	WQV 16N/2	B.263
1636570000	WQV 16N/3	A.349
1636580000	WQV 16N/4	A.253
1636580000	WQV 16N/4	A.349
1636580000	WQV 16N/4	B.263
1636640000	ZRH 4/1 WS	A.132
1636640000	ZRH 4/1 WS	A.133
1636640000	ZRH 4/1 WS	A.163
1636640000	ZRH 4/1 WS	A.164
1636640000	ZRH 4/1 WS	A.169
1636640000	ZRH 4/1 WS	A.170
1636640000	ZRH 4/1 WS	A.235

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1640740000	WS 8/5 MC NE WS	A.263
1640740000	WS 8/5 MC NE WS	A.264
1640740000	WS 8/5 MC NE WS	A.265
1640740000	WS 8/5 MC NE WS	A.282
1640740000	WS 8/5 MC NE WS	A.314
1640740000	WS 8/5 MC NE WS	A.315
1640740000	WS 8/5 MC NE WS	A.316
1640740000	WS 8/5 MC NE WS	A.318
1640740000	WS 8/5 MC NE WS	A.319
1640740000	WS 8/5 MC NE WS	A.327
1640740000	WS 8/5 MC NE WS	A.332
1640740000	WS 8/5 MC NE WS	A.333
1640740000	WS 8/5 MC NE WS	A.334
1640740000	WS 8/5 MC NE WS	A.335
1640740000	WS 8/5 MC NE WS	B.302
1640740000	WS 8/5 MC NE WS	B.303
1640740000	WS 8/5 MC NE WS	B.304
1640740000	WS 8/5 MC NE WS	B.305

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1649300000	ZVL 1.5	B.189
1649540000	ZAP/TW ZIA1.5/3L	B.188
1649550000	ZAP/TW ZIA1.5/4L	B.189

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1650210000	WTA 7 WSI6	A.354
1650340000	ZDU 2.5/2X2AN/D+	A.217
1650350000	ZDU 2.5/2X2AN/D-	A.217
1650360000	ZVL 1.5 BL	B.189
1650370000	ZVL 1.5 BR	B.189
1651970000	ZVL 1.5/PE GN/GE BED	B.189
1651980000	ZIA 1.5/3L-1S	B.188
1651990000	ZIA 1.5/3L-1S/LD-RT	B.188
1652000000	ZIA 1.5/3L-PE	B.188
1652010000	ZIA 1.5/4L-1S	B.189
1652020000	ZIA 1.5/4L-1S/LD	B.189
1652030000	ZIA 1.5/4L-PE	B.189
1654050000	ZTA 3 ZDU6	A.129
1654050000	ZTA 3 ZDU6	A.133
1654050000	ZTA 3 ZDU6	A.165
1654050000	ZTA 3 ZDU6	A.232

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1670360000	QVSK 2 SAKT1	B.170
1674300000	ZDK 2.5	A.146
1674650000	ZAP/TW ZPV1.5	B.188
1674730000	ZAP/TW ZDK2.5	A.146
1674730000	ZAP/TW ZDK2.5	A.147
1674730000	ZAP/TW ZDK2.5	A.174
1674730000	ZAP/TW ZDK2.5	A.219
1674730000	ZAP/TW ZDK2.5	A.220
1674730000	ZAP/TW ZDK2.5	A.221
1674730000	ZAP/TW ZDK2.5	A.222
1674730000	ZAP/TW ZDK2.5	A.223
1675350000	KLBUE 2X2-6	B.236
1676610000	BZT ZVL1.5	B.189
1676620000	BZT ZVL1.5/0.ZA	B.189
1676630000	ZPV 1.5	B.188
1677120000	ZQB 2.5-2	A.122
1677120000	ZQB 2.5-2	A.123
1677120000	ZQB 2.5-2	A.124
1677120000	ZQB 2.5-2	A.139
1677120000	ZQB 2.5-2	A.230
1678630000	ZDK 2.5 BL	A.146
1678680000	ZST	A.237
1678800000	ZRH 1.5H/2	A.138
1678800000	ZRH 1.5H/2	A.139
1678800000	ZRH 1.5H/2	A.142
1678800000	ZRH 1.5H/2	A.143
1678800000	ZRH 1.5H/2	A.146
1678800000	ZRH 1.5H/2	A.147
1678800000	ZRH 1.5H/2	A.148
1678800000	ZRH 1.5H/2	A.149
1678800000	ZRH 1.5H/2	A.151
1678800000	ZRH 1.5H/2	A.152
1678800000	ZRH 1.5H/2	A.153
1678800000	ZRH 1.5H/2	A.154
1678800000	ZRH 1.5H/2	A.158
1678800000	ZRH 1.5H/2	A.159
1678800000	ZRH 1.5H/2	A.168
1678800000	ZRH 1.5H/2	A.169
1678800000	ZRH 1.5H/2	A.172
1678800000	ZRH 1.5H/2	A.173
1678800000	ZRH 1.5H/2	A.174
1678800000	ZRH 1.5H/2	A.175
1678800000	ZRH 1.5H/2	A.176
1678800000	ZRH 1.5H/2	A.235
1678800000	ZRH 1.5H/2	B.95
1678810000	ZRH 1.5H/1	A.138
1678810000	ZRH 1.5H/1	A.139
1678810000	ZRH 1.5H/1	A.142
1678810000	ZRH 1.5H/1	A.143
1678810000	ZRH 1.5H/1	A.146
1678810000	ZRH 1.5H/1	A.147
1678810000	ZRH 1.5H/1	A.148
1678810000	ZRH 1.5H/1	A.149
1678810000	ZRH 1.5H/1	A.151
1678810000	ZRH 1.5H/1	A.152
1678810000	ZRH 1.5H/1	A.153
1678810000	ZRH 1.5H/1	A.154
1678810000	ZRH 1.5H/1	A.158
1678810000	ZRH 1.5H/1	A.159
1678810000	ZRH 1.5H/1	A.168
1678810000	ZRH 1.5H/1	A.169
1678810000	ZRH 1.5H/1	A.172
1678810000	ZRH 1.5H/1	A.173
1678810000	ZRH 1.5H/1	A.174
1678810000	ZRH 1.5H/1	A.175
1678810000	ZRH 1.5H/1	A.176
1678810000	ZRH 1.5H/1	A.235
1678810000	ZRH 1.5H/1	B.95

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1688110000	ZTA 4	A.139
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1688110000	ZTA 4	A.149
1688110000	ZTA 4	A.152
1688110000	ZTA 4	A.154
1688110000	ZTA 4	A.168
1688110000	ZTA 4	A.169
1688110000	ZTA 4	A.174
1688110000	ZTA 4	A.175
1688110000	ZTA 4	A.233
1689960000	ZDK 2.5N-DU	A.147
1689970000	ZDK 2.5DU-PE	A.147
1689980000	ZDK 2.5N-PE	A.147
1689990000	ZDK 2.5V	A.146

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1690010000	ZDK 2.5/LD RT/1	A.220
1690020000	ZDK 2.5/D/1	A.221
1690030000	ZDK 2.5/D/2	A.221
1690040000	ZDK 2.5/D/4	A.221
1690050000	ZDK 2.5/D/5	A.222
1690060000	ZDK 2.5/D/6	A.222
1692261001	KLBUE 3-8 SC	B.237
1692590000	ZDU 2.5/2X2AN/LD+	A.216
1692600000	ZDU 2.5/2X2AN/LD-	A.216
1693940000	ZDK 2.5/LD RT/2	A.220
1694140000	ZDK 2.5 OR	A.219
1697540000	ZQV 2.5/50	B.188
1697540000	ZQV 2.5/50	B.189
1698110000	ZPE 2.5/4AN WS	B.251
1698110000	ZPE 2.5/4AN WS	B.254
1698160000	ZRV 1.5	A.206
1698170000	ZRV 1.5/PE	A.206
1698180000	AP ZRV1.5 DB	A.206
1698190000	STGH 4 ZRV1.5	A.206
1698200000	STGH 4 ZRV1.5/PE GN	A.206

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1704360000	ZDUB 2.5-2/2AN/DM BL	A.123
1704370000	ZDUB 2.5-2/2AN/DM OR	A.123
1704380000	ZDUB 2.5-2/2AN/DM GE	A.123
1704500000	ZDUB 2.5-2/2AN/DB	A.123
1704530000	ZDUB 2.5-2/2AN/DB GE	A.123
1704540000	ZDUB 2.5-2/4AN/DM	A.123
1704550000	ZDUB 2.5-2/4AN/DM BL	A.123
1704560000	ZDUB 2.5-2/4AN/DM OR	A.123
1704570000	ZDUB 2.5-2/4AN/DM GE	A.123
1704690000	ZDUB 2.5-2/4AN/DB	A.123
1704700000	ZDUB 2.5-2/4AN/DB BL	A.123
1704720000	ZDUB 2.5-2/4AN/DB GE	A.123
1704740000	ZBB ZDUB	A.123
1704750000	ZAP ZDUB	A.122
1704750000	ZAP ZDUB	A.123
1704750000	ZAP ZDUB	A.124
1704750000	ZAP ZDUB	A.161
1704760000	ZAP ZDUB BL	A.122
1704760000	ZAP ZDUB BL	A.123
1704760000	ZAP ZDUB BL	A.124
1704770000	ZAP ZDUB OR	A.122
1704770000	ZAP ZDUB OR	A.123
1704770000	ZAP ZDUB OR	A.124
1705310000	DFFC 0.2-0.35 ZRV1.5	A.206
1705320000	DFFC .5-1.0 ZRV1.5	A.206
1706010000	ZDU 2.5-2/3AN	A.138
1706040000	ZDU 2.5-2/3AN BL	A.138
1706060000	ZDU 2.5-2/4AN	A.139
1706070000	ZDU 2.5-2/4AN BL	A.139
1706090000	ZPE 2.5-2/3AN	A.168
1706100000	ZPE 2.5-2/4AN	A.169
1706110000	ZAP/TW7	A.138
1706110000	ZAP/TW7	A.139
1706110000	ZAP/TW7	A.168
1706110000	ZAP/TW7	A.169
1706110000	ZAP/TW7	A.193
1706110000	ZAP/TW7	A.218
1706110000	ZAP/TW7	A.219
1706120000	ZAP/TW7 BL	A.138
1706120000	ZAP/TW7 BL	A.139

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1712311001	KLBUE 4-13.5 SC	B.237
1712321001	KLBUE 10-20 SC	B.237
1712750000	ZDUB 2.5-2/2AN/15	A.124
1712760000	ZDUB 2.5-2/2AN/15 BL	A.124
1712770000	ZDUB 2.5-2/2AN/15 OR	A.124
1712780000	ZDUB 2.5-2/4AN/15	A.124
1712790000	ZDUB 2.5-2/4AN/15 BL	A.124
1712800000	ZDUB 2.5-2/4AN/15 OR	A.124
1712810000	ZPEB 2.5-2	A.161
1712820000	ZDUB 2.5-2/2AN/RC	A.122
1712830000	ZDUB 2.5-2/2AN/RC BL	A.122
1712970000	ZDUB 2.5-2/4AN/RC	A.122
1712980000	ZDUB 2.5-2/4AN/RC BL	A.122
1713000000	ZDUB 2.5-2/4AN/RC GE	A.122
1715970000	WSH 3/H/N	B.242
1716300000	KLBUE 15-32	B.236
1717740000	WPE 35N	A.279
1717740000	WPE 35N	B.32
1718341001	KLBUE 15-32 SC	B.237
1718550000	WNT 35N 10X3	B.300

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1720700000	ZVQ 2.5/1.5	A.44
1720700000	ZVQ 2.5/1.5	A.148
1720700000	ZVQ 2.5/1.5	A.149
1720700000	ZVQ 2.5/1.5	A.150
1720700000	ZVQ 2.5/1.5	A.231
1720700000	ZVQ 2.5/1.5	A.321
1720700000	ZVQ 2.5/1.5	B.94
1720700000	ZVQ 2.5/1.5	B.211
1720700000	ZVQ 2.5/1.5	B.212
1720920000	ZDUA 2.5-2	A.125
1720930000	ZDUA 2.5-2 BL	A.125
1720940000	ZDUA 2.5-2 OR	A.125
1720950000	ZPEA 2.5-2	A.160
1720960000	ZAP/TW ZDUA	A.125
1720960000	ZAP/TW ZDUA	A.160
1720970000	ZAP/TW ZDUA BL	A.125
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1723660000	MOFU 15/35 ZDUB	A.123
1723800000	BS 35II KLBUE HOLDER	B.239
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1723820000	BS 35II/KLBUE 4-13.5	B.239
1724580000	FM 4.2/TS35	C.22

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1730940000	WDU 2.5N/600UL	A.244
1733640000	ZQV 6/32 GE	B.156
1739620000	ZDU 35	A.136
1739630000	ZDU 35 BL	A.136
1739650000	ZPE 35	A.167
1739680000	ZQV 10/2	A.134
1739680000	ZQV 10/2	A.231
1739690000	ZQV 16/2	A.135
1739690000	ZQV 16/2	A.231
1739700000	ZQV 35/2	A.136
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1742630000	BTWZ KLBUE	B.246
1742630000	BTWZ KLBUE	B.247
1745150000	ZAP/TW ZDU16	A.135
1745150000	ZAP/TW ZDU16	A.167
1745210000	ZAD 5/5	A.135
1745230000	ZDU 16	A.135
1745240000	ZDU 16 BL	A.135
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1745350000	ZEI 16	A.135
1745400000	ZDTR 2.5	A.194
1745420000	AP ZDTR2.5	A.194
1745880000	ZDK 2.5V BL	A.146
1746730000	ZAD 4/5	A.134
1746750000	ZDU 10	A.134
1746760000	ZDU 10 BL	A.134
1746770000	ZPE 10	A.166
1747350000	TS 35X7.5 2M/CRN	C.18
1748660000	ZAP/TW ZDU10	A.134
1748660000	ZAP/TW ZDU10	A.166
1748800000	ZAP/TW ZDK2.5 BL	A.146
1748800000	ZAP/TW ZDK2.5 BL	A.147
1748800000	ZAP/TW ZDK2.5 BL	A.219
1749151001	KLBUE CO 3	B.235
1749161001	KLBUE CO 4	B.235
1749430000	BS 35II KLBUE3-8/2X2-6	B.239
1749580000	ZAP/TW 10/16	A.134
1749580000	ZAP/TW 10/16	A.135
1749580000	ZAP/TW 10/16	A.166
1749580000	ZAP/TW 10/16	A.167

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1752620000	ZAD 6/5	A.136
1752681001	KLBUE 3-8 CPF	B.238
1752691001	KLBUE 4-13.5 CPF	B.238
1752701001	KLBUE 10-20 CPF	B.238
1752711001	KLBUE 15-32 CPF	B.238
1753280000	WDU 1.5/R3.5	A.240
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1753311001	KLBUE CO 1	B.235
1754170000	WDU 1.5/R3.5 BL	A.240
1754190000	WAP WDU1.5/R3.5	A.240
1754190000	WAP WDU1.5/R3.5	A.272

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1754200000	WAP WDK1.5/R3.5	A.262
1754210000	ZQV 1.5N/R3.5/2 GE	A.240
1754290000	ZQV 1.5N/R3.5/10 GE	A.240
1754960000	WTL 4	B.158
1754970000	WTL 4/STB	B.158
1755081001	KLBUE C0 5	B.235
1755270000	DEK 5/3.5 MC NE WS	A.128
1755270000	DEK 5/3.5 MC NE WS	A.129
1755270000	DEK 5/3.5 MC NE WS	A.144
1755270000	DEK 5/3.5 MC NE WS	A.145
1755270000	DEK 5/3.5 MC NE WS	A.161
1755270000	DEK 5/3.5 MC NE WS	A.162
1755270000	DEK 5/3.5 MC NE WS	A.174
1755270000	DEK 5/3.5 MC NE WS	A.240
1755270000	DEK 5/3.5 MC NE WS	A.262
1755270000	DEK 5/3.5 MC NE WS	A.272

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1760720000	BS 35/WSH 2	B.243
1763940000	WTR 2.5/SI	A.299
1763950000	WTR 2.5/SI LD 36V	A.299
1764100000	ZAP/TW ZDU16 BL	A.135
1764110000	ZAP/TW ZDU10 BL	A.134
1764560000	ZAD 1/4-2 GE	A.138
1764560000	ZAD 1/4-2 GE	A.139
1764560000	ZAD 1/4-2 GE	A.152
1764560000	ZAD 1/4-2 GE	A.153
1764560000	ZAD 1/4-2 GE	A.154
1766240000	ZEI 16 BL	A.135

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1766900000	WTW WTL 6/1 4MM	B.160

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1767670000	ZPE 10/3AN	A.166
1767690000	ZDU 10/3AN	A.134
1767700000	ZDU 10/3AN BL	A.134
1768000000	ZMAK 2.5	A.151
1768000000	ZMAK 2.5	B.95
1768010000	ZAP ZMAK2.5	A.151
1768010000	ZAP ZMAK2.5	B.95
1768020000	BS 35II KLBUE2X3-8/2X2-6	B.239
1768310000	ZPE 16/3AN	A.167
1768320000	ZDU 16/3AN	A.135
1768330000	ZDU 16/3AN BL	A.135
1768520000	ZAP/TW 10/16 BL	A.134
1768520000	ZAP/TW 10/16 BL	A.135
1768800000	ZDK 2.5 EM	A.219

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1770360000	ZDU 4-2/3AN	A.139
1770370000	ZDU 4-2/2AN	A.139
1770380000	ZPE 4-2/2AN	A.169
1770390000	ZPE 4-2/3AN	A.169
1770400000	ZAP ZDU4-2	A.139
1770400000	ZAP ZDU4-2	A.140
1770400000	ZAP ZDU4-2	A.169
1770840000	ZDU 4-2/2AN BL	A.139
1770860000	ZDU 4-2/3AN BL	A.139
1770880000	ZAP ZDU4-2 BL	A.139
1770880000	ZAP ZDU4-2 BL	A.140
1771360000	ZPE 6-2/3AN	A.171
1771370000	ZPE 6-2/2AN	A.170
1771380000	ZDU 6-2/2AN	A.141
1771390000	ZDU 6-2/2AN BL	A.141
1771410000	ZDU 6-2/3AN	A.141
1771420000	ZDU 6-2/3AN BL	A.141
1771440000	ZAP ZDU6-2	A.141
1771440000	ZAP ZDU6-2	A.170
1771440000	ZAP ZDU6-2	A.171
1771440000	ZAP ZDU6-2	A.193
1771440000	ZAP ZDU6-2	A.219
1771440000	ZAP ZDU6-2	B.268
1771800000	ZTL 6	B.156
1771800000	ZTL 6	B.157
1771810000	ZTD 6	B.156
1771810000	ZTD 6	B.157
1771820000	KSBR/2 ZTL6	B.156
1771820000	KSBR/2 ZTL6	B.157
1771830000	KSBR/3 ZTL6	B.157
1771840000	KSBR/4 ZTL6	B.157
1771860000	SSP ZTL6	B.156
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1771870000	ZTW ZTL6	B.156
1771870000	ZTW ZTL6	B.157
1771950000	ZTL 6/STB	B.157
1771960000	ZTD 6/STB	B.157
1772060000	ZDU 2.5-2	A.138
1772070000	ZDU 2.5-2 BL	A.138
1772090000	ZPE 2.5-2	A.168
1772940000	ZEI 16-2/1AN	A.141
1772950000	ZEI 16-2/1AN BL	A.141
1772960000	ZPE 16-2/1AN	A.171
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1772970000	ZAP/Z...16-2/1AN	A.171

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1775490000	ZDU 1.5 BL	A.128
1775510000	ZPE 1.5	A.161
1775530000	ZDU 1.5/3AN	A.128
1775540000	ZDU 1.5/3AN BL	A.128
1775560000	ZPE 1.5/3AN	A.161
1775580000	ZDU 1.5/4AN	A.129
1775600000	ZDU 1.5/4AN BL	A.129
1775620000	ZPE 1.5/4AN	A.162
1776030000	ZAP/TW ZDU1.5/2AN	A.128
1776030000	ZAP/TW ZDU1.5/2AN	A.161
1776040000	ZAP/TW ZDU1.5/2AN BL	A.128
1776060000	ZAP/TW ZDU1.5/3AN	A.128
1776060000	ZAP/TW ZDU1.5/3AN	A.161
1776070000	ZAP/TW ZDU1.5/3AN BL	A.128
1776090000	ZAP/TW ZDU1.5/4AN	A.129
1776090000	ZAP/TW ZDU1.5/4AN	A.162
1776100000	ZAP/TW ZDU1.5/4AN BL	A.129
1776120000	ZQV 1.5/2	A.128
1776120000	ZQV 1.5/2	A.129
1776120000	ZQV 1.5/2	A.144
1776120000	ZQV 1.5/2	A.145
1776120000	ZQV 1.5/2	A.230
1776130000	ZQV 1.5/3	A.230
1776140000	ZQV 1.5/4	A.230
1776150000	ZQV 1.5/5	A.230
1776200000	ZQV 1.5/10	A.128
1776200000	ZQV 1.5/10	A.129
1776200000	ZQV 1.5/10	A.144
1776200000	ZQV 1.5/10	A.145
1776200000	ZQV 1.5/10	A.230
1778270000	WS 12/3.5 MC NE WS	A.128
1778270000	WS 12/3.5 MC NE WS	A.129
1778270000	WS 12/3.5 MC NE WS	A.161
1778270000	WS 12/3.5 MC NE WS	A.162
1779000000	ZDU 2.5-2/D-	A.219
1779010000	ZTR 2.5-2	A.193
1779100000	TSTW 5/M5 ZN	C.22
1779110000	ZDU 2.5-2/D+	A.218
1779120000	ZTR 2.5-2 BL	A.193

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1780660000	ZTA 6/ZA	A.140
1780660000	ZTA 6/ZA	A.155
1780660000	ZTA 6/ZA	A.156
1780660000	ZTA 6/ZA	A.157
1780660000	ZTA 6/ZA	A.169
1780660000	ZTA 6/ZA	A.170
1780660000	ZTA 6/ZA	A.175
1780660000	ZTA 6/ZA	A.232
1780670000	ZTA 7/ZA	A.141
1780670000	ZTA 7/ZA	A.170
1780670000	ZTA 7/ZA	A.171
1780670000	ZTA 7/ZA	A.232
1780670000	ZTA 7/ZA	B.268
1780850000	WF 6	A.367
1780860000	WF 8	A.367
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1780890000	WTW WF10/WF12	A.378
1780900000	WTW WF8	A.367
1780900000	WTW WF8	A.368
1780900000	WTW WF8	A.378
1780910000	WTW WF8 2300	A.367
1780910000	WTW WF8 2300	A.368
1780910000	WTW WF8 2300	A.370
1780910000	WTW WF8 2300	A.379
1780920000	WTW WF10/WF12 2300	A.368
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1780930000	ADP WF6/WF8	A.368
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1780940000	ADP WF10/WF12	A.369
1780940000	ADP WF10/WF12	A.370
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1780970000	WQL 2 WF6	A.370
1780970000	WQL 2 WF6	A.378
1780980000	WQL 3 WF6	A.367
1780980000	WQL 3 WF6	A.370
1780980000	WQL 3 WF6	A.378
1780990000	WQL 2 WF8	A.367
1780990000	WQL 2 WF8	A.368
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1781020000	WQL 3 WF10	A.368
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1781020000	WQL 3 WF10	A.371
1781020000	WQL 3 WF10	A.378
1781030000	WQL 2 WF12	A.369
1781030000	WQL 2 WF12	A.378
1781040000	WQL 3 WF12	A.369
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1816040000	ZAP/TW ZT2.5/2AN OR	A.196
1816040000	ZAP/TW ZT2.5/2AN OR	A.199
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1816070000	ZAP/TW ZT2.5/4AN/2	A.197
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1816130000	ZVR ZP2.5	A.197
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1816130000	ZVR ZP2.5	A.200
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1820840000	WDU 50N	A.256
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1820930000	ZSI 6-2 2X2.5/G20	A.186
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1822210000	WDU 240 BL	A.258
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1826900000	WQV 95N/120N/3	A.257
1826900000	WQV 95N/120N/3	A.349
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1833100000	BEST	A.70
1833100000	BEST	A.71
1833100000	BEST	A.192
1833100000	BEST	A.193
1833100000	BEST	A.205
1833100000	BEST	A.237
1833100000	BEST	A.308
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1833100000	BEST	B.293
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1834070000	WQV 50N/3	A.256
1834070000	WQV 50N/3	A.348
1834070000	WQV 50N/3	B.27
1834070000	WQV 50N/3	B.28
1834070000	WQV 50N/3	B.265
1834080000	WQV 50N/4	A.256
1834080000	WQV 50N/4	A.348
1834080000	WQV 50N/4	B.27
1834080000	WQV 50N/4	B.28
1834080000	WQV 50N/4	B.265
1837380000	TS 35X15/5X18 2M/ST/ZN	C.19
1839850000	WAP WDK 2.5N/TR-DU	A.318
1839850000	WAP WDK 2.5N/TR-DU	A.319

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1846030000	WPE 95N/120N	A.280
1846030000	WPE 95N/120N	B.34
1846040000	WPE 50N	A.279
1846040000	WPE 50N	B.33
1847600000	ZTA ZT2.5/ZA	A.142
1847600000	ZTA ZT2.5/ZA	A.143
1847600000	ZTA ZT2.5/ZA	A.153
1847600000	ZTA ZT2.5/ZA	A.158
1847600000	ZTA ZT2.5/ZA	A.159
1847600000	ZTA ZT2.5/ZA	A.172
1847600000	ZTA ZT2.5/ZA	A.173
1847600000	ZTA ZT2.5/ZA	A.176
1847600000	ZTA ZT2.5/ZA	A.196
1847600000	ZTA ZT2.5/ZA	A.197
1847600000	ZTA ZT2.5/ZA	A.199
1847600000	ZTA ZT2.5/ZA	A.200
1847600000	ZTA ZT2.5/ZA	A.202
1847600000	ZTA ZT2.5/ZA	A.203
1847600000	ZTA ZT2.5/ZA	A.204
1847600000	ZTA ZT2.5/ZA	A.232
1847740000	STB 36.8/IH/DB WTL6/1	B.171
1847760000	STB 36.8/IH/GE WTL6/1	B.166
1847760000	STB 36.8/IH/GE WTL6/1	B.167
1847760000	STB 36.8/IH/GE WTL6/1	B.168
1847760000	STB 36.8/IH/GE WTL6/1	B.171
1847760000	STB 36.8/IH/GE WTL6/1	B.172
1847760000	STB 36.8/IH/GE WTL6/1	B.174

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1847770000	STB 36.8/IH/GN WTL6/1	B.166
1847770000	STB 36.8/IH/GN WTL6/1	B.167
1847770000	STB 36.8/IH/GN WTL6/1	B.168
1847770000	STB 36.8/IH/GN WTL6/1	B.171
1847770000	STB 36.8/IH/GN WTL6/1	B.172
1847770000	STB 36.8/IH/GN WTL6/1	B.174
1847780000	STB 36.8/IH/VI WTL6/1	B.166
1847780000	STB 36.8/IH/VI WTL6/1	B.171
1847780000	STB 36.8/IH/VI WTL6/1	B.172
1847780000	STB 36.8/IH/VI WTL6/1	B.174
1847790000	STB 36.8/IH/BL WTL6/1	B.166
1847790000	STB 36.8/IH/BL WTL6/1	B.167
1847790000	STB 36.8/IH/BL WTL6/1	B.168
1847790000	STB 36.8/IH/BL WTL6/1	B.171
1847790000	STB 36.8/IH/BL WTL6/1	B.172
1847790000	STB 36.8/IH/BL WTL6/1	B.174
1848290000	TS 35X15/2.3 2M/AL/BK	C.19
1848330000	ZTPE 4/4AN/2	A.201
1848340000	ZP 4/1AN/1	A.198
1848340000	ZP 4/1AN/1	A.210
1848350000	ZT 4/4AN/2	A.198
1848360000	ZAP/TW ZT4/4AN/2	A.198
1848360000	ZAP/TW ZT4/4AN/2	A.201
1848480000	FEKO ZRV2.5 1.5-2.5	A.207

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1854090000	WS 10/15 MC NE WS	A.362
1854490000	DEK 5/5 PLUS MC NE WS	A.6
1854490000	DEK 5/5 PLUS MC NE WS	A.7
1854490000	DEK 5/5 PLUS MC NE WS	A.8
1854490000	DEK 5/5 PLUS MC NE WS	A.9
1854490000	DEK 5/5 PLUS MC NE WS	A.10
1854490000	DEK 5/5 PLUS MC NE WS	A.11
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1854490000	DEK 5/5 PLUS MC NE WS	A.17
1854490000	DEK 5/5 PLUS MC NE WS	A.18
1854490000	DEK 5/5 PLUS MC NE WS	A.19
1854490000	DEK 5/5 PLUS MC NE WS	A.25
1854490000	DEK 5/5 PLUS MC NE WS	A.26
1854490000	DEK 5/5 PLUS MC NE WS	A.27
1854490000	DEK 5/5 PLUS MC NE WS	A.34
1854490000	DEK 5/5 PLUS MC NE WS	A.35
1854490000	DEK 5/5 PLUS MC NE WS	A.36
1854490000	DEK 5/5 PLUS MC NE WS	A.37
1854490000	DEK 5/5 PLUS MC NE WS	A.38
1854490000	DEK 5/5 PLUS MC NE WS	A.39
1854490000	DEK 5/5 PLUS MC NE WS	A.42
1854490000	DEK 5/5 PLUS MC NE WS	A.43
1854490000	DEK 5/5 PLUS MC NE WS	A.44
1854490000	DEK 5/5 PLUS MC NE WS	A.47
1854490000	DEK 5/5 PLUS MC NE WS	A.48
1854490000	DEK 5/5 PLUS MC NE WS	A.49
1854490000	DEK 5/5 PLUS MC NE WS	A.50
1854490000	DEK 5/5 PLUS MC NE WS	A.51
1854490000	DEK 5/5 PLUS MC NE WS	A.53
1854490000	DEK 5/5 PLUS MC NE WS	A.54
1854490000	DEK 5/5 PLUS MC NE WS	A.57
1854490000	DEK 5/5 PLUS MC NE WS	A.58
1854490000	DEK 5/5 PLUS MC NE WS	A.59
1854490000	DEK 5/5 PLUS MC NE WS	A.60
1854490000	DEK 5/5 PLUS MC NE WS	A.66
1854490000	DEK 5/5 PLUS MC NE WS	A.67
1854490000	DEK 5/5 PLUS MC NE WS	A.68
1854490000	DEK 5/5 PLUS MC NE WS	A.69
1854490000	DEK 5/5 PLUS MC NE WS	A.70
1854490000	DEK 5/5 PLUS MC NE WS	A.76
1854490000	DEK 5/5 PLUS MC NE WS	A.77
1854490000	DEK 5/5 PLUS MC NE WS	A.78
1854490000	DEK 5/5 PLUS MC NE WS	A.79
1854490000	DEK 5/5 PLUS MC NE WS	A.84
1854490000	DEK 5/5 PLUS MC NE WS	A.86
1854490000	DEK 5/5 PLUS MC NE WS	A.92
1854490000	DEK 5/5 PLUS MC NE WS	A.93
1854490000	DEK 5/5 PLUS MC NE WS	A.94
1854490000	DEK 5/5 PLUS MC NE WS	A.95
1854490000	DEK 5/5 PLUS MC NE WS	A.103
1854490000	DEK 5/5 PLUS MC NE WS	B.52
1854490000	DEK 5/5 PLUS MC NE WS	B.94
1854490000	DEK 5/5 PLUS MC NE WS	B.108
1854490000	DEK 5/5 PLUS MC NE WS	B.109
1854490000	DEK 5/5 PLUS MC NE WS	B.110
1854490000	DEK 5/5 PLUS MC NE WS	B.111
1854490000	DEK 5/5 PLUS MC NE WS	B.112
1854490000	DEK 5/5 PLUS MC NE WS	B.113
1854490000	DEK 5/5 PLUS MC NE WS	B.114
1854490000	DEK 5/5 PLUS MC NE WS	B.115
1854490000	DEK 5/5 PLUS MC NE WS	B.118
1854490000	DEK 5/5 PLUS MC NE WS	B.252
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1854490000	DEK 5/5 PLUS MC NE WS	B.256
1854490000	DEK 5/5 PLUS MC NE WS	B.257
1854490000	DEK 5/5 PLUS MC NE WS	B.278
1854490000	DEK 5/5 PLUS MC NE WS	B.280
1854490000	DEK 5/5 PLUS MC NE WS	B.282
1854490000	DEK 5/5 PLUS MC NE WS	B.284
1854490000	DEK 5/5 PLUS MC NE WS	B.285
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1854490000	DEK 5/5 PLUS MC NE WS	B.288
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1854490000	DEK 5/5 PLUS MC NE WS	B.290
1854490000	DEK 5/5 PLUS MC NE WS	B.291
1854490000	DEK 5/5 PLUS MC NE WS	B.292
1854490000	DEK 5/5 PLUS MC NE WS	B.293
1854750000	FEKO ZRV2.5 0.2-0.35	A.207
1854760000	FEKO ZRV2.5 0.5-1	A.207
1854960000	ZT 4/2AN/1	A.198
1854970000	ZTPE 4/2AN/1	A.201
1854980000	ZP 4/1AN/1 GN	A.210
1854990000	ZP 4/1AN/2	A.198
1854990000	ZP 4/1AN/2	A.210
1855000000	ZP 4/1AN/3	A.198
1855000000	ZP 4/1AN/3	A.210
1855010000	ZP 4/1AN/4	A.198
1855010000	ZP 4/1AN/4	A.210
1855020000	ZP 4/1AN/5	A.198
1855020000	ZP 4/1AN/5	A.210
1855030000	ZP 4/1AN/6	A.198
1855030000	ZP 4/1AN/6	A.210
1855040000	ZP 4/1AN/7	A.198
1855040000	ZP 4/1AN/7	A.210
1855050000	ZP 4/1AN/8	A.198
1855050000	ZP 4/1AN/8	A.210
1855060000	ZP 4/1AN/9	A.198
1855060000	ZP 4/1AN/9	A.210
1855070000	ZP 4/1AN/10	A.198
1855070000	ZP 4/1AN/10	A.210
1855080000	ZP 4/1AN/11	A.210
1855090000	ZP 4/1AN/12	A.210
1855100000	ZP 4/1AN/13	A.210
1855110000	ZP 4/1AN/14	A.210
1855220000	ZAP/TW ZT4/2AN	A.198
1855220000	ZAP/TW ZT4/2AN	A.201
1855230000	ZAP/TW ZT4/2AN OR	A.198
1855230000	ZAP/TW ZT4/2AN OR	A.201
1855250000	ZVR ZP4	A.198
1855250000	ZVR ZP4	A.201
1855250000	ZVR ZP4	A.213
1855250000	ZVR ZP4	A.322
1855250000	ZVR ZP4	A.325
1855260000	ZZE ZP4	A.198
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1855260000	ZZE ZP4	A.213
1855260000	ZZE ZP4	A.322
1855610000	WTR 2.5	A.308
1855620000	WTR 2.5 STB2.3	A.308
1856740000	DEK 5/8 MC NE WS	A.133
1856740000	DEK 5/8 MC NE WS	A.141
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1856740000	DEK 5/8 MC NE WS	A.249
1856740000	DEK 5/8 MC NE WS	A.276
1856740000	DEK 5/8 MC NE WS	A.279
1856740000	DEK 5/8 MC NE WS	A.289
1856740000	DEK 5/8 MC NE WS	A.290
1856740000	DEK 5/8 MC NE WS	A.291
1856740000	DEK 5/8 MC NE WS	A.292
1856740000	DEK 5/8 MC NE WS	A.293
1856740000	DEK 5/8 MC NE WS	A.294
1856740000	DEK 5/8 MC NE WS	A.301
1856740000	DEK 5/8 MC NE WS	A.302
1856740000	DEK 5/8 MC NE WS	B.33
1856740000	DEK 5/8 MC NE WS	B.157
1856740000	DEK 5/8 MC NE WS	B.163
1856740000	DEK 5/8 MC NE WS	B.164
1856740000	DEK 5/8 MC NE WS	B.167
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1856740000	DEK 5/8 MC NE WS	B.280
1856740000	DEK 5/8 MC NE WS	B.282
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1856860000	KOSF ZT4	A.201
1856860000	KOSF ZT4	A.213
1856860000	KOSF ZT4	A.322
1856860000	KOSF ZT4	A.324
1859200000	WEW 35/2 GR	B.38
1859200000	WEW 35/2 GR	B.39
1859200000	WEW 35/2 GR	B.42
1859200000	WEW 35/2 GR	B.43
1859200000	WEW 35/2 GR	B.46
1859200000	WEW 35/2 GR	B.48
1859200000	WEW 35/2 GR	C.13
1859200000	WEW 35/2 GR	C.21
1859580000	WZAD 95N/120N	A.257
1859580000	WZAD 95N/120N	B.29
1859580000	WZAD 95N/120N	B.266
1859600000	Q WDU6-2.5 SET	A.351
1859610000	Q WDU10-4 SET	A.352
1859620000	Q WDU10-2.5 SET	A.351

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1861030000	ZAD ZT/ZPS2.5	A.325
1861040000	ZPS 2.5/1AN/QV/1	A.213
1861050000	ZPS 2.5/1AN/QV/1 GN	A.213
1865410000	RAHE LN WDT1.5	A.314
1865410000	RAHE LN WDT1.5	A.315
1865510000	ZTTR 2.5	A.205
1865520000	ZAP/TW ZTTR2.5	A.205
1865880000	ZPS 2.5/1AN/QV/1	A.209
1865900000	ZPS 2.5/1AN/QV/2	A.209
1865910000	ZPS 2.5/1AN/QV/3	A.209
1865920000	ZPS 2.5/1AN/QV/4	A.209
1865930000	ZPS 2.5/1AN/QV/5	A.209
1865940000	ZPS 2.5/1AN/QV/6	A.209
1865950000	ZPS 2.5/1AN/QV/7	A.209
1865960000	ZPS 2.5/1AN/QV/8	A.209
1865970000	ZPS 2.5/1AN/QV/9	A.209
1865980000	ZPS 2.5/1AN/QV/10	A.209
1866000000	ZPS 2.5/1AN/QV/12	A.209
1866020000	ZPS 2.5/1AN/QV/14	A.209
1866030000	ZPS 2.5/1AN/QV/15	A.209
1866040000	ZPS 2.5/1AN/QV/16	A.209
1866070000	GHDE ZPS2.5/1AN	A.213
1866220000	ZZE ZP2.5/4	A.213
1866230000	ZZE ZP2.5/8	A.213
1866240000	ZVLA SC ZPS2.5	A.215
1866260000	ZVLA RC ZPS2.5	A.215
1866290000	TS 35X15/6X25 2M/ST/ZN	C.19
1866760000	REMOVAL TOOL AFK	A.207
1867090000	ZP 2.5/1AN/2 GN/BE	A.208
1867100000	ZP 2.5/1AN/3 GN/BE	A.208
1867110000	ZP 2.5/1AN/4 GN/BE	A.208
1867120000	ZP 2.5/1AN/5 GN/BE	A.208
1867130000	ZP 2.5/1AN/6 GN/BE	A.208
1867140000	ZP 2.5/1AN/7 GN/BE	A.208
1867150000	ZP 2.5/1AN/8 GN/BE	A.208
1867160000	ZP 2.5/1AN/9 GN/BE	A.208
1867170000	ZP 2.5/1AN/10 GN/BE	A.208
1867180000	ZP 2.5/1AN/11 GN/BE	A.208
1867190000	ZP 2.5/1AN/12 GN/BE	A.208
1867200000	ZP 2.5/1AN/13 GN/BE	A.208
1867210000	ZP 2.5/1AN/14 GN/BE	A.208
1867220000	ZP 2.5/1AN/15 GN/BE	A.208
1867240000	ZP 2.5/1AN/17 GN/BE	A.208
1867420000	ZSI 2.5-2/2X2AN/G20/LD3	A.184
1867440000	ZSI 2.5-2/2X2AN/G20/LD1	A.184
1867500000	ZSI 6-2 2X2.5/G20/LD1	A.187
1868870000	ZDU 2.5-2 O.EL	A.218
1868880000	SMSE WF10/2XM6	A.369
1868880000	SMSE WF10/2XM6	A.377

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1872720000	WZAD 50N	B.28
1872720000	WZAD 50N	B.265
1875150000	ZP 2.5/1AN	A.212
1875180000	ZP 2.5/1AN GN	A.212
1875190000	ZP 2.5/1AN ZA	A.212
1875200000	ZP 2.5/1AN ZA GN	A.212
1875210000	ZP 2.5/1AN ZA O.RA	A.212
1875220000	ZP 2.5/1AN ZA O.RA GN	A.212
1878560000	BEST/D	A.70
1878560000	BEST/D	A.71
1878560000	BEST/D	A.192
1878560000	BEST/D	A.193
1878560000	BEST/D	A.205
1878560000	BEST/D	A.237
1878560000	BEST/D	A.308
1878560000	BEST/D	A.309
1878560000	BEST/D	A.310
1878560000	BEST/D	A.311
1878560000	BEST/D	A.316
1878560000	BEST/D	A.318
1878560000	BEST/D	A.319
1878560000	BEST/D	B.205
1878560000	BEST/D	B.206
1878560000	BEST/D	B.207
1878560000	BEST/D	B.211
1878560000	BEST/D	B.212
1878560000	BEST/D	B.220
1878560000	BEST/D	B.221
1878560000	BEST/D	B.222
1878560000	BEST/D	B.223
1878560000	BEST/D	B.224
1878560000	BEST/D	B.225
1878560000	BEST/D	B.290
1878560000	BEST/D	B.291
1878560000	BEST/D	B.292
1878560000	BEST/D	B.293
1878570000	BEST/DRBR	A.70
1878570000	BEST/DRBR	A.71
1878570000	BEST/DRBR	A.192
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1878570000	BEST/DRBR	A.316
1878570000	BEST/DRBR	A.318
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1878570000	BEST/DRBR	B.205
1878570000	BEST/DRBR	B.206
1878570000	BEST/DRBR	B.207
1878570000	BEST/DRBR	B.211
1878570000	BEST/DRBR	B.212
1878570000	BEST/DRBR	B.220
1878570000	BEST/DRBR	B.221
1878570000	BEST/DRBR	B.222
1878570000	BEST/DRBR	B.223
1878570000	BEST/DRBR	B.224
1878570000	BEST/DRBR	B.225
1878570000	BEST/DRBR	B.290
1878570000	BEST/DRBR	B.291
1878570000	BEST/DRBR	B.292
1878570000	BEST/DRBR	B.293
1878600000	ZVLA DF ZPS2.5	A.214
1878620000	ZVR ZPS2.5	A.213
1878620000	ZVR ZPS2.5	A.214
1878660000	WTA 4N WDK 2.5	A.355
1879090000	TS 35X7.5/5X18 2M/ST/SZ	C.18
1879100000	TS 35X15/5X18 2M/ST/SZ	C.19
1879350000	WTA 4N/ZA WDK 2.5	A.355
1879730000	ZSI 2.5-2/2X2AN/G20/LD4	A.184
1879750000	ZSI 6-2 2X2.5/G20/LD4	A.187

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1880390000	WSI 4/2/LD 140-250V AC/DC	A.288
1880410000	WSI 4/2/LD 10-36V AC/DC	A.288
1880420000	WSI 4/2/LD 60-150V AC/DC	A.288
1880430000	WSI 4/2	A.288
1880440000	WSI 4/2/LD 30-70V AC/DC	A.288
1880450000	WAP WSI4/2	A.288
1881640000	WAP WTL4/2	B.158
1881650000	WTL 4/2 STB	B.158
1886550000	WSI 4/LD 140-250V AC/DC	A.286
1886560000	WSI 4/LD 30-70V AC/DC	A.286
1886570000	WSI 4/LD 60-150V AC/DC	A.286
1886580000	WSI 4	A.286
1886590000	WSI 4/LD 10-36V AC/DC	A.286

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1893990000	FEKO ET ZRV2.5 1.5-2.5	A.207
1895700000	ZDKPE 2.5-2/N/L/PE	A.154
1898420000	STGH O.R/SW ZRV2.5	A.207
1898430000	STGH O.ZA/O.R/SW ZRV2.5	A.207
1899170000	MOFU 15/35 ZPS2.5	A.215

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1905060000	WDU 4/ZZ	A.245
1905070000	WAP WDU/WTR4/ZR	A.246
1905070000	WAP WDU/WTR4/ZR	A.275
1905070000	WAP WDU/WTR4/ZR	A.311
1905080000	WTR 4/ZR	A.311
1905090000	WTR 4/ZZ	A.310
1905100000	WTR 4/ZZ STB	A.310
1905110000	WTR 4/ZR STB	A.311
1905120000	WPE 4/ZR	A.275
1905130000	WPE 4/ZZ	A.275
1905140000	WDU 4/ZR	A.246
1905150000	WAP WDU/WTR4/ZZ	A.245
1905150000	WAP WDU/WTR4/ZZ	A.275
1905150000	WAP WDU/WTR4/ZZ	A.310
1905310000	ZDK 2.5-2/LD 24VUC	A.224
1905470000	ZTTR 2.5 O.TNHE	A.205
1905950000	WS 10/8 PLUS MC NE WS	A.22
1905950000	WS 10/8 PLUS MC NE WS	A.23
1905950000	WS 10/8 PLUS MC NE WS	A.24
1905950000	WS 10/8 PLUS MC NE WS	A.25
1905950000	WS 10/8 PLUS MC NE WS	A.26
1905950000	WS 10/8 PLUS MC NE WS	A.27
1905950000	WS 10/8 PLUS MC NE WS	A.52
1905950000	WS 10/8 PLUS MC NE WS	A.53
1905950000	WS 10/8 PLUS MC NE WS	A.54
1905950000	WS 10/8 PLUS MC NE WS	A.361
1905950000	WS 10/8 PLUS MC NE WS	B.102
1905950000	WS 10/8 PLUS MC NE WS	B.103
1905950000	WS 10/8 PLUS MC NE WS	B.104
1905950000	WS 10/8 PLUS MC NE WS	B.105
1905950000	WS 10/8 PLUS MC NE WS	B.108
1905950000	WS 10/8 PLUS MC NE WS	B.109
1905950000	WS 10/8 PLUS MC NE WS	B.110
1905950000	WS 10/8 PLUS MC NE WS	B.114
1905950000	WS 10/8 PLUS MC NE WS	B.115
1905950000	WS 10/8 PLUS MC NE WS	B.118
1905950000	WS 10/8 PLUS MC NE WS	B.253
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1905970000	WS 10/12 MC NE WS	B.263
1906000000	WS 12/8 PLUS MC NE WS	A.248
1906000000	WS 12/8 PLUS MC NE WS	B.167
1906000000	WS 12/8 PLUS MC NE WS	B.168
1906000000	WS 12/8 PLUS MC NE WS	B.169
1906000000	WS 12/8 PLUS MC NE WS	B.177
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1906970000	ZRV 2.5/2	A.207
1906980000	AP ZRV2.5	A.207
1907000000	STGH ZRV2.5	A.207
1907010000	STGH O.ZA ZRV2.5	A.207
1907520000	DEK 5/5 PLUS MC NE GE	A.174
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1908960000	ZQV 2.5/20	A.230
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1925040000	WEW WTL 35	B.178
1925040000	WEW WTL 35	B.179
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1933740000	ZDU 2.5N/4AN	A.143
1933750000	ZDU 2.5N/4AN BL	A.143
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1933770000	ZPE 2.5N/3AN	A.172
1933780000	ZPE 2.5N/4AN	A.173
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.142
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.172
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.142
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1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.143
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.173
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1934800000	WTQ 6/1 EN STB	B.168
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1943600000	BLZP 5.08HC/04/180 SN OR BX	A.329
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.328
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.329
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.328
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.329
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.328
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.329
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.328
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.329
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.328
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1948000000	BLZP 5.08HC/02/90 SN OR BX	B.226
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1948020000	BLZP 5.08HC/04/90 SN OR BX	B.226
1948030000	BLZP 5.08HC/05/90 SN OR BX	B.226
1948040000	BLZP 5.08HC/06/90 SN OR BX	B.226
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1949800000	BLZP 5.08HC/02/90F SN OR BX	B.227
1949810000	BLZP 5.08HC/03/90F SN OR BX	B.227
1949820000	BLZP 5.08HC/04/90F SN OR BX	B.227
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1949840000	BLZP 5.08HC/06/90F SN OR BX	B.227
1949850000	BLZP 5.08HC/07/90F SN OR BX	B.227
1949860000	BLZP 5.08HC/08/90F SN OR BX	B.227
1949870000	BLZP 5.08HC/09/90F SN OR BX	B.227
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1957710000	WAP WTL6/1 EN	B.167
1957710000	WAP WTL6/1 EN	B.168
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1985500000	ZQV 1.5N/5	A.110
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1985800000	ZQV 1.5N/10 RD	A.110
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1989900000	A2C 2.5 /DT/FS	A.60
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1991890000	ATPG 1.5-10 L	A.67
1991890000	ATPG 1.5-10 L	A.68
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1991890000	ATPG 1.5-10 L	A.71
1991890000	ATPG 1.5-10 L	A.103
1991890000	ATPG 1.5-10 L	A.115
1991890000	ATPG 1.5-10 L	B.8
1991890000	ATPG 1.5-10 L	B.9
1991890000	ATPG 1.5-10 L	B.10
1991890000	ATPG 1.5-10 L	B.11
1991890000	ATPG 1.5-10 L	B.12
1991890000	ATPG 1.5-10 L	B.16
1991890000	ATPG 1.5-10 L	B.17
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1991890000	ATPG 1.5-10 L	B.21
1991890000	ATPG 1.5-10 L	B.24
1991890000	ATPG 1.5-10 L	B.52
1991890000	ATPG 1.5-10 L	B.102
1991890000	ATPG 1.5-10 L	B.103
1991890000	ATPG 1.5-10 L	B.104
1991890000	ATPG 1.5-10 L	B.105
1991890000	ATPG 1.5-10 L	B.108
1991890000	ATPG 1.5-10 L	B.109
1991890000	ATPG 1.5-10 L	B.110
1991890000	ATPG 1.5-10 L	B.114
1991890000	ATPG 1.5-10 L	B.115
1991890000	ATPG 1.5-10 L	B.184
1991890000	ATPG 1.5-10 L	B.185
1991890000	ATPG 1.5-10 L	B.252
1991890000	ATPG 1.5-10 L	B.253
1991890000	ATPG 1.5-10 L	B.256
1991890000	ATPG 1.5-10 L	B.257
1991890000	ATPG 1.5-10 L	B.258
1991890000	ATPG 1.5-10 L	B.259

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1991890000	ATPG 1.5-10 L	B.286
1991890000	ATPG 1.5-10 L	B.287
1991890000	ATPG 1.5-10 L	B.288
1991890000	ATPG 1.5-10 L	B.289
1991890000	ATPG 1.5-10 L	B.290
1991890000	ATPG 1.5-10 L	B.291
1991890000	ATPG 1.5-10 L	B.292
1991890000	ATPG 1.5-10 L	B.293
1991890000	ATPG 1.5-10 L	B.297
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1991920000	AEB 35 SC/1	A.7
1991920000	AEB 35 SC/1	A.8
1991920000	AEB 35 SC/1	A.9
1991920000	AEB 35 SC/1	A.10
1991920000	AEB 35 SC/1	A.11
1991920000	AEB 35 SC/1	A.12
1991920000	AEB 35 SC/1	A.16
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1991920000	AEB 35 SC/1	B.104
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1991920000	AEB 35 SC/1	B.106
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1991920000	AEB 35 SC/1	B.260
1991920000	AEB 35 SC/1	B.261
1991920000	AEB 35 SC/1	B.297
1991920000	AEB 35 SC/1	C.21
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1991930000	ATPG 6 MI-R	A.23
1991930000	ATPG 6 MI-R	A.52
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1991930000	ATPG 6 MI-R	A.115
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1991930000	ATPG 6 MI-R	B.258
1991930000	ATPG 6 MI-R	B.278
1991930000	ATPG 6 MI-R	B.280
1991930000	ATPG 6 MI-R	B.282
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1991940000	AEP 3C 6	A.52
1991950000	AEP 2C 6 BL	A.22
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1991960000	ATPG 2.5 MI-R	A.69
1991960000	ATPG 2.5 MI-R	A.70
1991960000	ATPG 2.5 MI-R	A.103
1991960000	ATPG 2.5 MI-R	A.115

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1991960000	ATPG 2.5 MI-R	B.291
1991960000	ATPG 2.5 MI-R	B.292
1991960000	ATPG 2.5 MI-R	B.293
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1991970000	AEP 2C 6	A.52
1991970000	AEP 2C 6	B.253
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1992110000	A2C 6	A.105
1992110000	A2C 6	A.118
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1992230000	AIO22 1.5 SI-PE	A.105
1992230000	AIO22 1.5 SI-PE	B.185
1992240000	AIO21 1.5 SO	A.105
1992240000	AIO21 1.5 SO	B.184
1992250000	AIO21 1.5 SO-PE	A.105
1992250000	AIO21 1.5 SO-PE	B.185
1992260000	AIO21 1.5 SI	A.105
1992260000	AIO21 1.5 SI	B.184
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1993590000	AEP IO22	B.185
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2000050000	WDU 16N GE/SW	B.263
2000060000	WDU 35 GE/SW	B.264
2000080000	WDU 50N GE/SW	B.265
2000090000	WDU 35N GE/SW	B.264
2000100000	WDU 70N/35 GE/SW	B.266
2000110000	WDU 95N/120N GE/SW	B.266
2003110000	A2C 2.5 LTGY	A.118
2003120000	A3C 2.5 LTGY	A.118
2003130000	A4C 2.5 LTGY	A.118
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2051910000	AEP 4C 4 BL	A.69

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2065120000	ALO 6 BL	A.24

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2108470000	ZQV 2.5N/2 RD	A.110
2108470000	ZQV 2.5N/2 RD	A.344
2108470000	ZQV 2.5N/2 RD	B.108
2108470000	ZQV 2.5N/2 RD	B.109
2108470000	ZQV 2.5N/2 RD	B.110
2108470000	ZQV 2.5N/2 RD	B.111
2108470000	ZQV 2.5N/2 RD	B.112
2108470000	ZQV 2.5N/2 RD	B.113
2108690000	ZQV 2.5N/3 RD	A.110
2108690000	ZQV 2.5N/3 RD	A.344
2108700000	ZQV 2.5N/4 RD	A.110
2108700000	ZQV 2.5N/4 RD	A.344
2108710000	ZQV 2.5N/5 RD	A.110
2108710000	ZQV 2.5N/5 RD	A.344
2108720000	ZQV 2.5N/6 RD	A.110
2108720000	ZQV 2.5N/6 RD	A.344
2108810000	ZQV 2.5N/7 RD	A.110
2108810000	ZQV 2.5N/7 RD	A.344
2108870000	ZQV 2.5N/8 RD	A.110
2108870000	ZQV 2.5N/8 RD	A.344
2108900000	ZQV 2.5N/9 RD	A.110
2108900000	ZQV 2.5N/9 RD	A.344
2108910000	ZQV 2.5N/10 RD	A.110
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2108910000	ZQV 2.5N/10 RD	B.108
2108910000	ZQV 2.5N/10 RD	B.109
2108910000	ZQV 2.5N/10 RD	B.110
2108910000	ZQV 2.5N/10 RD	B.111
2108910000	ZQV 2.5N/10 RD	B.112
2108910000	ZQV 2.5N/10 RD	B.113
2108920000	ZQV 2.5N/20 RD	A.110
2108920000	ZQV 2.5N/20 RD	A.344
2109000000	ZQV 2.5N/50 RD	A.110
2109000000	ZQV 2.5N/50 RD	A.344

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2334730000	ADHB/8 WTL35	B.179

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2428520000	A3T 2.5 BL	A.42
2428530000	A3T 2.5 FT-FT-PE	A.43
2428540000	A3T 2.5 VL	A.42
2428550000	A3T 2.5 PE	A.59
2428560000	AEP 3T 2.5	A.34
2428560000	AEP 3T 2.5	A.42
2428560000	AEP 3T 2.5	A.43
2428560000	AEP 3T 2.5	A.59
2428840000	A3T 2.5 N-FT-PE	A.43
2428850000	A3T 2.5 VL BL	A.42
2428860000	AEP 3T 2.5 BL	A.34
2428860000	AEP 3T 2.5 BL	A.42
2428860000	AEP 3T 2.5 BL	A.43
2428910000	AAP21 10 LO RD	B.114
2428920000	AAP21 10 FE	B.114
2428930000	AAP21 4 LI RD	B.115
2428940000	AAP21 10 LO BL	B.114
2428950000	AAP21 4 FS	B.116
2428960000	AAP21 4 LI BL	B.115
2428980000	AAP21 4 DT	B.116
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2429000000	AAP22 10 FE-LO	B.118
2429010000	AAP22 4 LI-FS	B.119
2429020000	AEP AP21	B.114
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2429860000	AFS 4 2C BK	A.105
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2429880000	ADT 4 2C BL	A.69

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2433820000	AEP MC 2.5	A.44
2433820000	AEP MC 2.5	B.94
2434340000	AMC 2.5	A.44
2434340000	AMC 2.5	B.94
2434350000	AFS 4 2C 30-70V BK	A.61
2434370000	AMC 2.5 800V	A.44
2434370000	AMC 2.5 800V	B.94
2434380000	AFS 4 2C 60-150V BK	A.61
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2436380000	WTR 4/O.TNHE	A.309
2436390000	WTR 4 STB/O.TNHE	A.309
2436400000	WTR 4/ZR/O.TNHE	A.311
2436410000	WTR 4/ZR STB/O.TNHE	A.311
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2445070000	WAD 12 MC NE WS	A.252
2445070000	WAD 12 MC NE WS	A.253
2445070000	WAD 12 MC NE WS	A.254
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2445070000	WAD 12 MC NE WS	B.263
2445070000	WAD 12 MC NE WS	B.264
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2445090000	WAD 12 MC B GE/SW	A.253
2445090000	WAD 12 MC B GE/SW	A.254
2445090000	WAD 12 MC B GE/SW	A.255
2445090000	WAD 12 MC B GE/SW	B.26
2445090000	WAD 12 MC B GE/SW	B.27
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2448860000	DEK-A 5/8 MM WS	A.53
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2448930000	WS-A 8/8 MM WS	A.22
2448930000	WS-A 8/8 MM WS	A.23
2448930000	WS-A 8/8 MM WS	A.24
2448930000	WS-A 8/8 MM WS	A.52
2448930000	WS-A 8/8 MM WS	A.53
2448930000	WS-A 8/8 MM WS	B.102
2448930000	WS-A 8/8 MM WS	B.103
2448930000	WS-A 8/8 MM WS	B.104
2448930000	WS-A 8/8 MM WS	B.105
2448930000	WS-A 8/8 MM WS	B.106
2448930000	WS-A 8/8 MM WS	B.107
2448930000	WS-A 8/8 MM WS	B.253
2448930000	WS-A 8/8 MM WS	B.258
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2457570000	APGLE 2.5/4	A.85
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2457570000	APGLE 2.5/4	A.320
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2457590000	APGSR 2.5/4 - 4P	A.86
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2457600000	APGSR 2.5/4 - 8P	A.85
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2460140000	AAP22 4 LI-FS 30-70V	B.119
2460180000	AAP21 4 FS 100-250V	B.116
2460190000	AAP21 4 FS 60-150V	B.116
2460200000	AAP21 4 FS 30-70V	B.116
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2460450000	ZQV 4N/2 RD	A.344
2460450000	ZQV 4N/2 RD	B.114
2460450000	ZQV 4N/2 RD	B.115
2460450000	ZQV 4N/2 RD	B.116
2460450000	ZQV 4N/2 RD	B.118
2460450000	ZQV 4N/2 RD	B.119
2460730000	ZQV 4N/50 RD	A.110
2460730000	ZQV 4N/50 RD	A.344
2460740000	ZQV 4N/10 RD	A.110
2460740000	ZQV 4N/10 RD	A.344
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2460740000	ZQV 4N/10 RD	B.116
2460740000	ZQV 4N/10 RD	B.118
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2460750000	ZQV 4N/9 RD	A.110
2460750000	ZQV 4N/9 RD	A.344
2460760000	ZQV 4N/8 RD	A.110
2460760000	ZQV 4N/8 RD	A.344
2460770000	ZQV 4N/7 RD	A.110
2460770000	ZQV 4N/7 RD	A.344
2460780000	ZQV 4N/6 RD	A.110
2460780000	ZQV 4N/6 RD	A.344
2460790000	ZQV 4N/5 RD	A.110
2460790000	ZQV 4N/5 RD	A.344
2460800000	ZQV 4N/4 RD	A.110
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2466600000	AFS 2.5 CF 2C 24V BK	A.60
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2502930000	WPD 233 2X300/2X300 BN	B.48
2502940000	WPD 233 2X300/2X300 BK	B.48
2502950000	WPD 230 2X50/2X50 BK	B.38
2503090000	WPD 131 1X95/1X95 GY	B.42
2503330000	WPDPC X30 GY	B.38
2503330000	WPDPC X30 GY	B.39
2503370000	WPDPC X31 GY	B.42
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2503380000	WPDPC X32 GY	B.46
2503390000	WPDPC X33 GY	B.48
2503650000	AAP11 6 LO OR	B.102
2503870000	AAP11 6/6X1.5 LO-LI OR	B.103
2503880000	AAP12 2.5 LI OR	B.109
2503890000	AAP12 10/4X2.5 LO-LI OR	B.109
2503900000	AAP12 10 LO OR	B.108
2503910000	AAP11 1.5 LI OR	B.103
2506090000	SET AAP11 6/1.5/12C	B.106
2506340000	SET AAP13 6/1.5/12C	B.107
2506350000	SET AAP12 10/2.5/10C	B.112
2506360000	SET AAP14 10/2.5/10C	B.113
2506370000	SET AAP11 6/1.5/24C	B.106
2506380000	SET AAP13 6/1.5/24C	B.107
2508000000	A2C 2.5 DBL	A.118
2508020000	A2C 1.5 RD	A.118
2508030000	A2C 2.5 BR	A.118
2508160000	A2C 1.5 WT	A.118
2508170000	A2C 1.5 BK	A.118
2508180000	A2C 1.5 DBL	A.118
2508190000	A2C 1.5 YL	A.118
2508200000	A2C 1.5 BR	A.118
2508210000	A2C 1.5 GN	A.118
2508220000	A2C 1.5 LTGY	A.118

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2518250000	WPD 104 1X25+1X16/2X16+3X10 BL	B.68
2518330000	WPD 204 2X25/4X16+6X10 2XBL	B.68
2518340000	WPD 304 3X25/6X16+9X10 3XBL	B.69
2518540000	WPD 105 1X35+1X16/2X25+3X16 BL	B.72
2518570000	WPD 106 1X70/2X25+3X16 BL	B.76
2519470000	WPD 205 2X35/4X25+6X16 2XBL	B.72
2519480000	WPD 108 1X120/2X35+3X25+4X16 BL	B.80
2519490000	WPD 109 1X185/2X35+3X25+4X16 BL	B.82

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2521730000	WPD 107 1X95/2X35+8X25 BL	B.78
2521770000	WPD 305 3X35/6X25+9X16 3XBL	B.73
2522720000	AAP11 6 LO BL/OR	B.102
2522830000	AAP11 6/6X1.5 LO-LI BL/OR	B.103
2522840000	AAP12 2.5 LI BL/OR	B.109
2522850000	AAP12 10/4X2.5 LO-LI BL/OR	B.109
2522860000	AAP12 10 LO BL/OR	B.108
2522870000	AAP11 1.5 LI BL/OR	B.103

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2531290000	A2T 2.5 3C	A.36
2531300000	A2T 2.5 3C FT-PE	A.37
2531310000	A2T 2.5 3C VL	A.36
2531320000	A2T 2.5 3C PE	A.58
2531510000	A2T 2.5 3C BL	A.36
2531530000	A2T 2.5 3C VL BL	A.36
2532690000	AEP 2T 2.5 3C	A.36
2532690000	AEP 2T 2.5 3C	A.58
2532700000	AEP 2T 2.5 3C BL	A.36
2534230000	A3C 1.5 BK	A.118
2534260000	A4C 1.5 BK	A.118
2534290000	A3C 4 BR	A.118
2534360000	A3C 4 DBL	A.118
2534370000	A2C 4 BR	A.118
2534380000	A2C 4 DBL	A.118
2534390000	A4C 4 BR	A.118
2534400000	A4C 4 DBL	A.118
2534410000	A4C 1.5 GN	A.118
2534420000	A4C 1.5 LTGY	A.118
2534430000	A4C 1.5 RD	A.118
2534440000	A4C 1.5 WT	A.118
2534450000	A4C 1.5 YL	A.118
2534460000	A4C 1.5 BR	A.118
2534470000	A4C 1.5 DBL	A.118
2534480000	A3C 1.5 GN	A.118
2534490000	A3C 1.5 LTGY	A.118
2534500000	A3C 1.5 RD	A.118
2534510000	A3C 1.5 WT	A.118
2534520000	A3C 1.5 YL	A.118
2534530000	A3C 1.5 BR	A.118

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2534690000	A3C 2.5 DBL	A.118
2534730000	A3C 2.5 BR	A.118
2534740000	A4C 2.5 DBL	A.118
2534750000	A4C 2.5 BR	A.118
2539970000	A2T 4	A.38
2539980000	A2T 4 FT-PE	A.39
2539990000	A2T 4 PE	A.58

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2540000000	AEP 2T 4	A.39
2540000000	AEP 2T 4	A.58
2540000000	AEP 2T 4	A.82
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2540010000	AEP 2T 4 BL	A.38
2540010000	AEP 2T 4 BL	A.39
2540010000	AEP 2T 4 BL	A.82
2540010000	AEP 2T 4 BL	A.83
2540020000	A2T 4 VL	A.38
2540030000	A2T 4 VL BL	A.38
2540040000	A2T 4 BL	A.38
2540050000	APGTB 4 FT 2C/1	A.80
2540060000	APGTB 4 FT 2C/1 BL	A.80
2540070000	APGTB 4 FT 3C/1	A.81
2540080000	APGTB 4 FT 3C/1 BL	A.81
2540090000	APGTB 4 FT 4C/2	A.81
2540100000	APGTB 4 FT 4C/2 BL	A.81
2540110000	APGTB 4 PE 2C/1	A.80
2540170000	APGTB 4 PE 3C/1	A.81
2540180000	APGTB 4 PE 4C/2	A.82
2540210000	AEP PGTB 4 4C/2	A.81
2540210000	AEP PGTB 4 4C/2	A.82
2540230000	APGTB 4 2T 4C/2	A.82
2540250000	APGTB 4 2T 4C/2 BL	A.82
2540260000	APGTB 4 2T VL 4C/2	A.83
2540270000	APGTB 4 2T VL 4C/2 BL	A.83
2540280000	AEP PGTB 4 4C/2 BL	A.81
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2540300000	APGTB 4 2T PE 4C/2	A.83
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2540360000	APG 4 L	A.82
2540360000	APG 4 L	A.83
2540360000	APG 4 L	A.88
2540430000	APG 4/5-3BG-BL-GN	A.85
2540440000	APG 4/4-3BG-GN	A.85
2540450000	APG 4/3-BG-BL-GN	A.85
2540460000	APG 4/1	A.80
2540460000	APG 4/1	A.81
2540460000	APG 4/1	A.82
2540460000	APG 4/1	A.83
2540460000	APG 4/1	A.85
2540470000	APG 4/2	A.85
2540480000	APG 4/3	A.85
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2540500000	APG 4/5	A.85
2540510000	APG 4/6	A.85
2540520000	APG 4/7	A.85
2540530000	APG 4/8	A.85
2540540000	APG 4/9	A.85
2540550000	APG 4/10	A.80
2540550000	APG 4/10	A.81
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2540550000	APG 4/10	A.83
2540550000	APG 4/10	A.85
2540560000	APG 4 L BL	A.88
2540570000	APG 4 L GN	A.88
2540580000	APG 4 MI	A.80
2540580000	APG 4 MI	A.81
2540580000	APG 4 MI	A.82
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2540590000	APG 4 MI BL	A.88
2540600000	APG 4 MI GN	A.88
2540610000	APG 4 R	A.80
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2540610000	APG 4 R	A.88
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2540630000	APG 4 R GN	A.88
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2552180000	A2C 35 3FT-FE DM	B.11
2552190000	A2C 35 3FT-N DM	B.11
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2561990000	WFS 4 30-70V	A.285
2562000000	WFS 4 BL	A.284
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2562660000	ZQV 35N-16	B.10
2562660000	ZQV 35N-16	B.11
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2562660000	ZQV 35N-16	B.259
2562670000	ZQV 35N-10	A.28
2562670000	ZQV 35N-10	A.111
2562670000	ZQV 35N-10	B.8
2562670000	ZQV 35N-10	B.9
2562670000	ZQV 35N-10	B.10
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2563860000	ST 4000/S M10	A.382
2563880000	ST 4000/L M12	A.383
2563890000	ST 4000/S P150	A.382
2563900000	ST 4000/L P180	A.383
2563910000	ST 4000/S E150	A.382
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2563950000	ST 4000/S CB M8/4	A.382
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2564100000	ST 4000/L J2 M12	A.383
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2570240000	AEB 35 SCL/1 V0 DL	A.102
2570240000	AEB 35 SCL/1 V0 DL	A.117
2570250000	AEB 35 SCL/1 V0 BK DL	A.102
2570250000	AEB 35 SCL/1 V0 BK DL	A.117
2570260000	AEB 35 SCL/1 V0 GY DL	A.102
2570260000	AEB 35 SCL/1 V0 GY DL	A.117
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2581700000	AAP21 4 LI OR	B.115
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2581790000	AAP21 4 FS 100-250V OR	B.116
2581800000	AAP21 10 LO BL/OR	B.115
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2582530000	AAP21 4 LI BL/OR	B.115
2583090000	AAC 35 2X6	A.28
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2583090000	AAC 35 2X6	B.9
2583090000	AAC 35 2X6	B.10
2583090000	AAC 35 2X6	B.11
2583090000	AAC 35 2X6	B.12
2583170000	AAC 35 2X6 BL	A.28
2583170000	AAC 35 2X6 BL	B.8
2583170000	AAC 35 2X6 BL	B.9
2583170000	AAC 35 2X6 BL	B.10
2583170000	AAC 35 2X6 BL	B.11
2583170000	AAC 35 2X6 BL	B.12
2583180000	AAC 35 2X6 GN-YL	A.28
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2583180000	AAC 35 2X6 GN-YL	B.8
2583180000	AAC 35 2X6 GN-YL	B.9
2583180000	AAC 35 2X6 GN-YL	B.10
2583180000	AAC 35 2X6 GN-YL	B.11
2583180000	AAC 35 2X6 GN-YL	B.12
2583190000	AAC 35 2X6 BK-YL	A.28
2583190000	AAC 35 2X6 BK-YL	B.8
2583190000	AAC 35 2X6 BK-YL	B.9
2583190000	AAC 35 2X6 BK-YL	B.10
2583190000	AAC 35 2X6 BK-YL	B.11
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2603740000	WPD 113 1X185+1X150/8X35 GY	B.86
2603750000	WPD 113 1X185+1X150/8X35 BL	B.86
2603790000	WPD 111 1X95/4X35 GY	B.84
2603800000	WPD 111 1X95/4X35 BL	B.84
2603810000	WPD 110 1X70+1X35/6X16 GY	B.56
2603820000	WPD 110 1X70+1X35/6X16 BL	B.56
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2603840000	WBBD 16 GY	C.14
2603850000	WBBD 16 BL	C.14
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2614100000	AAP11 1.5 LI GN/OR	B.103
2614110000	AAP12 2.5 LI GN/OR	B.109
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2614940000	SRL 4	A.361
2614950000	SRL 4 STB	A.362
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2614970000	SDL 4 FT	B.181
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2614990000	SEP SRL 3	A.361
2615000000	SEP SRL 4	A.361
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2615030000	SQV 3/2	A.361
2615040000	SQV 3/3	A.361
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2615070000	SQV 3/10	A.361
2615080000	SQV 6/2	A.362
2615090000	SQV 6/3	A.362
2615100000	SQV 6/4	A.362
2615110000	SQB 3/2	A.361
2615120000	SQB 3/3	A.361
2615130000	SQB 3/4	A.361
2615140000	SQB 4/2	A.361
2615140000	SQB 4/2	A.362
2615140000	SQB 4/2	B.181
2615150000	SQB 4/3	A.361
2615150000	SQB 4/3	A.362
2615150000	SQB 4/3	B.181
2615160000	SQB 4/4	A.361
2615160000	SQB 4/4	A.362
2615160000	SQB 4/4	B.181
2615190000	SRQB 3/2	A.361
2615200000	SRQB 3/3	A.361
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2615230000	SRQB 4/3	A.361
2615230000	SRQB 4/3	A.362
2615230000	SRQB 4/3	B.181
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2615240000	SRQB 4/4	A.362
2615240000	SRQB 4/4	B.181
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2615250000	SQS 4/2	B.180
2615250000	SQS 4/2	B.181
2615260000	SQS 4/4	A.362
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2619410000	AAP12 10 LO GN/OR	B.108
2619890000	WS-A 8/10 MM WS	B.279
2619890000	WS-A 8/10 MM WS	B.281
2619890000	WS-A 8/10 MM WS	B.283
2619900000	WS-A 8/12 MM WS	A.54
2619910000	WS-A 8/16 MM WS	A.28
2619910000	WS-A 8/16 MM WS	A.29
2619910000	WS-A 8/16 MM WS	A.30
2619910000	WS-A 8/16 MM WS	A.31
2619910000	WS-A 8/16 MM WS	A.55
2619910000	WS-A 8/16 MM WS	A.56
2619910000	WS-A 8/16 MM WS	B.8
2619910000	WS-A 8/16 MM WS	B.9
2619910000	WS-A 8/16 MM WS	B.10
2619910000	WS-A 8/16 MM WS	B.11
2619910000	WS-A 8/16 MM WS	B.12
2619910000	WS-A 8/16 MM WS	B.16
2619910000	WS-A 8/16 MM WS	B.17
2619910000	WS-A 8/16 MM WS	B.18
2619910000	WS-A 8/16 MM WS	B.19
2619910000	WS-A 8/16 MM WS	B.20
2619910000	WS-A 8/16 MM WS	B.21
2619910000	WS-A 8/16 MM WS	B.22
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2619910000	WS-A 8/16 MM WS	B.24
2619910000	WS-A 8/16 MM WS	B.52
2619910000	WS-A 8/16 MM WS	B.259
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2623910000	AAP13 6 LO-LO OR	B.105
2623920000	AAP13 1.5 LI-LI OR	B.105
2623930000	FB 16-50	B.250

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2634950000	ZQV 35N/2	B.8
2634950000	ZQV 35N/2	B.9
2634950000	ZQV 35N/2	B.10
2634950000	ZQV 35N/2	B.11
2634950000	ZQV 35N/2	B.12
2634950000	ZQV 35N/2	B.259
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2635550000	AAM 2.5 YE FLASH	A.116
2635560000	AAM 4 YE FLASH	A.116
2635570000	AAM 6 YE FLASH	A.116
2635580000	AAM 10 YE FLASH	A.116
2635590000	AAM 16 YE FLASH	A.116
2635600000	AAM 35-185 YE FLASH	A.28
2635600000	AAM 35-185 YE FLASH	A.29
2635600000	AAM 35-185 YE FLASH	A.30
2635600000	AAM 35-185 YE FLASH	A.31
2635600000	AAM 35-185 YE FLASH	A.55
2635600000	AAM 35-185 YE FLASH	A.56
2635600000	AAM 35-185 YE FLASH	B.8
2635600000	AAM 35-185 YE FLASH	B.9
2635600000	AAM 35-185 YE FLASH	B.10
2635600000	AAM 35-185 YE FLASH	B.11
2635600000	AAM 35-185 YE FLASH	B.12
2635600000	AAM 35-185 YE FLASH	B.16
2635600000	AAM 35-185 YE FLASH	B.17
2635600000	AAM 35-185 YE FLASH	B.18
2635600000	AAM 35-185 YE FLASH	B.19
2635600000	AAM 35-185 YE FLASH	B.20
2635600000	AAM 35-185 YE FLASH	B.21
2635600000	AAM 35-185 YE FLASH	B.22
2635600000	AAM 35-185 YE FLASH	B.23
2635600000	AAM 35-185 YE FLASH	B.24
2635600000	AAM 35-185 YE FLASH	B.259
2635600000	AAM 35-185 YE FLASH	B.260
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2652210000	A2T 1.5 KNX WT-YL	B.297
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2657780000	G-1L-106/16	C.25
2657790000	G-1L-160/10	C.25
2657800000	G-1L-160/16	C.25
2657810000	G-1L-210/10	C.25
2657820000	G-1L-210/16	C.25
2657830000	G-1L-268/10	C.25
2657840000	G-1L-268/16	C.25
2657850000	G-1L-320/10	C.25
2657860000	G-1L-320/16	C.25
2657870000	G-1L-1000/10	C.25
2657880000	G-1L-1000/16	C.25
2657890000	G-1L+9-1000/10	C.25
2657900000	G-1L+9-1000/16	C.25
2657910000	G-1L-27-1000/10	C.25
2657920000	G-1L-27-1000/16	C.25
2657930000	S-1L-106/10	C.26
2657940000	S-1L-106/16	C.26
2657950000	S-1L-160/10	C.26
2657960000	S-1L-160/16	C.26
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2657980000	S-1L-210/16	C.26
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2658070000	S-1L-27-1000/10	C.26
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2658170000	G-2L+9-1000/10	C.27
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2658190000	G-2L-27-1000/10	C.27
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2658300000	S-2L+9-1000/16	C.28
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2674570000	S3C 2.5 PE	A.10
2674580000	S4C 2.5 PE	A.11
2674590000	A2C 1.5 DL	A.101
2674600000	A2C 1.5 DL BL	A.101
2674610000	A2C 1.5 PE DL	A.102
2674630000	A3C 1.5 DL	A.101
2674640000	A3C 1.5 DL BL	A.101
2674650000	A3C 1.5 PE DL	A.102
2674660000	A4C 1.5 DL	A.101
2674670000	A4C 1.5 DL BL	A.101
2674680000	A4C 1.5 PE DL	A.102
2674690000	A2C 2.5 DL	A.101
2674690000	A2C 2.5 DL	A.103
2674700000	A2C 2.5 DL BL	A.101
2674710000	A2C 2.5 PE DL	A.102
2674720000	A3C 2.5 DL	A.101
2674730000	A3C 2.5 DL BL	A.101
2674740000	A3C 2.5 PE DL	A.102
2674750000	A4C 2.5 DL	A.101
2674760000	A4C 2.5 DL BL	A.101
2674770000	A4C 2.5 PE DL	A.102
2674780000	A2C 4 DL	A.101
2674790000	A2C 4 DL BL	A.101
2674800000	A2C 4 PE DL	A.102
2674810000	A3C 4 DL	A.101
2674820000	A3C 4 DL BL	A.101
2674830000	A3C 4 PE DL	A.102
2674840000	A4C 4 DL	A.101
2674850000	A4C 4 DL BL	A.101
2674860000	A4C 4 PE DL	A.102
2674870000	A2C 6 DL	A.101
2674880000	A2C 6 DL BL	A.101
2674890000	A2C 6 PE DL	A.102
2674900000	A3C 6 DL	A.101
2674920000	A3C 6 DL BL	A.101
2674930000	A3C 6 PE DL	A.102
2674940000	A2C 10 DL	A.101
2674950000	A2C 10 DL BL	A.101
2674960000	A2C 10 PE DL	A.102
2674970000	A3C 10 DL	A.101
2674980000	A3C 10 DL BL	A.101
2674990000	A3C 10 PE DL	A.102
2675000000	A2C 16 DL	A.101
2675010000	A2C 16 DL BL	A.101
2675020000	A2C 16 PE DL	A.102
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2675060000	A2T 1.5 DL	A.101
2675070000	A2T 1.5 DL BL	A.101
2675080000	A2T 1.5 FT-PE DL	A.101
2675090000	A2T 1.5 VL DL	A.101
2675100000	A2T 1.5 PE DL	A.102
2675110000	A2T 2.5 DL	A.101
2675120000	A2T 2.5 DL BL	A.101
2675130000	A2T 2.5 FT-PE DL	A.101
2675140000	A2T 2.5 VL DL	A.101
2675150000	A2T 2.5 PE DL	A.102
2675160000	A2T 4 DL	A.102
2675170000	A2T 4 DL BL	A.102
2675180000	A2T 4 FT-PE DL	A.102
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2675320000	AAP11 6 LO DL BL	A.102
2675330000	AAP11 6 LO DL BL/OR	A.102
2675340000	AAP11 1.5 LI DL RD	A.102
2675350000	AAP11 1.5 LI DL OR	A.102
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2675370000	AAP11 1.5 LI DL BL/OR	A.102
2675380000	AAP11 6/6X1.5 LO-LI DL BL	A.102
2675390000	AAP11 6/6X1.5 LO-LI DL RD	A.102
2675400000	AAP11 6/6X1.5 LO-LI DL OR	A.102
2675410000	AAP11 6/6X1.5 LO-LI DL BL/OR	A.102
2675420000	AAP12 10 LO DL RD	A.102
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2675440000	AAP12 10 LO DL BL	A.102
2675450000	AAP12 10 LO DL BL/OR	A.102
2675460000	AAP12 2.5 LI DL RD	A.102
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2675500000	AAP12 10/4X2.5 LO-LI DL RD	A.102
2675510000	AAP12 10/4X2.5 LO-LI DL OR	A.102
2675520000	AAP12 10/4X2.5 LO-LI DL BL/OR	A.102
2675530000	AAP12 10/4X2.5 LO-LI DL BL	A.102
2675540000	AAP13 6 LO-LO DL	A.102
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2675600000	AI021 1.5 SO-PE DL	A.102
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2675700000	APGTB 1.5 PE 2C/1 DL	A.102
2675710000	APGTB 1.5 FT 3C/1 DL	A.102
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2675730000	APGTB 1.5 PE 3C/1 DL	A.102
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2675760000	APGTB 1.5 PE 4C/2 DL	A.102
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2675780000	APGTB 1.5 2T 4C/2 DL BL	A.102
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2675810000	APGTB 1.5 2T VL 4C/2 DL	A.102
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2675830000	APGTB 2.5 FT 2C/1 DL BL	A.102
2675840000	APGTB 2.5 PE 2C/1 DL	A.102
2675850000	APGTB 2.5 FT 3C/1 DL	A.102
2675860000	APGTB 2.5 FT 3C/1 DL BL	A.102
2675870000	APGTB 2.5 PE 3C/1 DL	A.102
2675880000	APGTB 2.5 FT 4C/2 DL	A.102
2675890000	APGTB 2.5 FT 4C/2 DL BL	A.102
2675900000	APGTB 2.5 PE 4C/2 DL	A.102
2675910000	APGTB 2.5 2T 4C/2 DL	A.102
2675920000	APGTB 2.5 2T 4C/2 DL BL	A.102
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2675990000	APGTB 4 FT 3C/1 DL	A.102
2676000000	APGTB 4 FT 3C/1 DL BL	A.102
2676010000	APGTB 4 PE 3C/1 DL	A.102
2676020000	APGTB 4 FT 4C/2 DL	A.102
2676030000	APGTB 4 FT 4C/2 DL BL	A.102
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2725350000	WPD 107 1X95/2X35+8X25 RD	B.78
2725360000	WPD 104 1X25+1X16/2X16+3X10 BK	B.68
2725370000	WPD 109 1X185/2X35+3X25+4X16 BK	B.82
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2728720000	A2C 150/185 FE	B.20
2728720000	A2C 150/185 FE	B.261
2728730000	A2C 150/185 3FT-N-FE	B.22
2728740000	A2C 150/185 3FT-N	B.22
2728750000	A2C 150/185 3FT-FE	B.22
2728760000	A2C 150/185 3FT	B.22
2728770000	A2C 150/185-DM	A.31
2728770000	A2C 150/185-DM	B.21
2728780000	A2C 150/185 BL-DM	A.31
2728780000	A2C 150/185 BL-DM	B.21
2728790000	A2C 150/185 FE-DM	B.21
2728800000	A2C 150/185 3FT-N-FE-DM	B.23
2728810000	A2C 150/185 3FT-N-DM	B.23
2728820000	A2C 150/185 3FT-FE-DM	B.23
2728830000	A2C 150/185 3FT-DM	B.23
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2728840000	ZQV 150/185N/2	A.31
2728840000	ZQV 150/185N/2	A.112
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2728840000	ZQV 150/185N/2	B.24
2728840000	ZQV 150/185N/2	B.261
2728850000	ZQV 150/185N/3	A.30
2728850000	ZQV 150/185N/3	A.31
2728850000	ZQV 150/185N/3	A.112
2728850000	ZQV 150/185N/3	B.20
2728850000	ZQV 150/185N/3	B.21
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2730350000	WPD 113 1X185+1X150/8X35 RD	B.86
2730360000	WPD 113 1X185+1X150/8X35 BK	B.86
2731220000	WPD 201 4X25/4X16 GY	B.60
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2731240000	WPD 201 4X25/4X16 GN	B.60
2731250000	WPD 201 4X25/4X16 BN	B.60
2731260000	WPD 201 4X25/4X16 BK	B.60
2731380000	TS 35X7.5/1.0 2M/CU/BK	C.18
2732600000	WDK 2.5V ZQV OR	A.263
2733950000	ZQV 6N/6	A.111
2733950000	ZQV 6N/6	B.134
2733950000	ZQV 6N/6	B.135
2733950000	ZQV 6N/6	B.136
2733950000	ZQV 6N/6	B.137
2733950000	ZQV 6N/6	B.138
2733950000	ZQV 6N/6	B.139
2733950000	ZQV 6N/6	B.142
2733950000	ZQV 6N/6	B.143
2733950000	ZQV 6N/6	B.145
2733960000	ZQV 6N/7	A.111
2733960000	ZQV 6N/7	B.134
2733960000	ZQV 6N/7	B.135
2733960000	ZQV 6N/7	B.136
2733960000	ZQV 6N/7	B.137
2733960000	ZQV 6N/7	B.138
2733960000	ZQV 6N/7	B.139
2733960000	ZQV 6N/7	B.142
2733960000	ZQV 6N/7	B.143
2733960000	ZQV 6N/7	B.145
2733970000	ZQV 6N/10	A.111
2733970000	ZQV 6N/10	B.134
2733970000	ZQV 6N/10	B.135
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2733970000	ZQV 6N/10	B.138
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2734150000	A2C 4 FE WT	B.253
2734160000	A2C 6 FE WT	B.251
2734160000	A2C 6 FE WT	B.253
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2734170000	A2C 10 FE WT	B.253
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2742100000	A2C 50/70 FE DL	A.101
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2749610000	SDIS SLIM 0.6X3.5X100	A.196

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2749620000	SDIS SLIM 0.8X4.0X100	A.141
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2749620000	SDIS SLIM 0.8X4.0X100	A.186
2749620000	SDIS SLIM 0.8X4.0X100	A.187
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2749620000	SDIS SLIM 0.8X4.0X100	A.190
2749620000	SDIS SLIM 0.8X4.0X100	A.219
2749780000	SDIS 0.4X2.0X60	A.56
2749780000	SDIS 0.4X2.0X60	B.103
2749780000	SDIS 0.4X2.0X60	B.105
2749810000	SDIS 0.6X3.5X100	A.193
2749810000	SDIS 0.6X3.5X100	A.271
2749810000	SDIS 0.6X3.5X100	B.52
2749810000	SDIS 0.6X3.5X100	B.97
2749810000	SDIS 0.6X3.5X100	B.226
2749810000	SDIS 0.6X3.5X100	B.268
2749810000	SDIS 0.6X3.5X100	B.302
2749810000	SDIS 0.6X3.5X100	B.303
2749850000	SDIS 1.0X5.5X125	B.52

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2751080000	SEP 2C 2.5	A.6
2751080000	SEP 2C 2.5	A.10
2751090000	SEP 3C 2.5	A.6
2751090000	SEP 3C 2.5	A.10
2751100000	SEP 4C 2.5	A.7
2751100000	SEP 4C 2.5	A.11
2753940000	S2C 2.5 BL	A.6
2753950000	S3C 2.5 BL	A.6
2753960000	S4C 2.5 BL	A.7
2755890000	A2C 35 DL BL	A.101
2755900000	A2C 50/70 DL BL	A.101
2755910000	A2C 95/120 DL BL	A.101
2756940000	EBB 25-50/16 AM	B.250
2757430000	A3T 2.5 FT-FT-PE DL	A.102

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2762280000	ATTB 6 PG CT	B.142
2762280000	ATTB 6 PG CT	B.143
2762290000	ATTB 6 PG VT	B.142
2762290000	ATTB 6 PG VT	B.143
2762310000	AEP TTB 6 PG	B.142
2762310000	AEP TTB 6 PG	B.143
2762320000	APG 6/1	B.142
2762320000	APG 6/1	B.143
2762320000	APG 6/1	B.146
2762330000	APG 6/2 MBB	B.142
2762330000	APG 6/2 MBB	B.143
2762330000	APG 6/2 MBB	B.146
2762340000	APG 6/3 MBB	B.142
2762340000	APG 6/3 MBB	B.143
2762340000	APG 6/3 MBB	B.146
2762380000	MCV APG 6	B.146
2762390000	APGSR 6	B.142
2762390000	APGSR 6	B.147
2762400000	APGLE 6	B.142
2762400000	APGLE 6	B.147
2762410000	APGPC 6	B.142
2762410000	APGPC 6	B.146
2762660000	JB 25-50 TH	B.250

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2770670000	DEK 5/8 PLUS MC WS LRP	B.143
2771890000	A3T 2.5 DL	A.102

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2786890000	ZQV 6N/6 BL	A.111
2786900000	ZQV 6N/7 BL	A.111
2786910000	ZQV 6N/10 BL	A.111

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2792420000	ATTB 6 DL	A.102
2792430000	ATTB 6 PE DL	A.102
2792440000	WTTB 6 DL	A.102
2792450000	WTTB 6 PE DL	A.102
2792460000	HTTB 6 DL	A.102
2792470000	HTTB 6 PE DL	A.102
2798140000	AWPD 35 4X10 DL	A.102
2798150000	AWPD 35 4X6/6X2.5 DL	A.102
2799150000	A2C 2.5 DL OR	A.101
2799160000	A4C 2.5 DL OR	A.101
2799170000	A2C 4 DL OR	A.101
2799180000	A4C 4 DL OR	A.101
2799190000	A2C 6 DL OR	A.101

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2810820000	ZQV 6N/20	A.111
2810830000	ZQV 4N/10 BK	A.113
2810830000	ZQV 4N/10 BK	A.345
2810840000	ZQV 4N/2 BK	A.113
2810840000	ZQV 4N/2 BK	A.345
2810850000	ZQV 4N/20 BL	A.110
2810850000	ZQV 4N/20 BL	A.344
2810860000	ZQV 4N/20 RD	A.110
2810860000	ZQV 4N/20 RD	A.344
2810870000	ZQV 4N/20 BK	A.113
2810870000	ZQV 4N/20 BK	A.345
2810880000	ZQV 4N/3 BK	A.113
2810880000	ZQV 4N/3 BK	A.345
2810890000	ZQV 4N/4 BK	A.113
2810890000	ZQV 4N/4 BK	A.345
2810900000	ZQV 4N/5 BK	A.113
2810900000	ZQV 4N/5 BK	A.345
2810910000	ZQV 4N/6 BK	A.113
2810910000	ZQV 4N/6 BK	A.345
2810920000	ZQV 4N/7 BK	A.113
2810920000	ZQV 4N/7 BK	A.345
2810930000	ZQV 4N/8 BK	A.113
2810930000	ZQV 4N/8 BK	A.345
2814490000	WPD 100 2X25/6X10 BK	B.54
2814500000	WPD 100 2X25/6X10 BN	B.54
2814510000	WPD 110 1X70+1X35/6X16 BK	B.56
2814520000	WPD 110 1X70+1X35/6X16 BN	B.56
2815620000	A2T 2.5 VL DL BL	A.101
2816930000	A3T 1.5	A.40
2816940000	A3T 1.5 BL	A.40
2816950000	AEP 3T 1.5	A.40
2816950000	AEP 3T 1.5	A.41
2816950000	AEP 3T 1.5	A.59
2816960000	A2T 4 FS-FT BK	A.64
2816970000	A2T 4 FS-FT 10-36V BK	A.64
2816980000	A2T 4 FS-FT 30-70V BK	A.64
2816990000	A2T 4 FS-FT 60-150V BK	A.64
2817000000	A2T 4 FS-FT 100-250V BK	A.64
2817010000	A2T 4 FS-FT-PE BK	A.64
2817020000	A2T 4 FS-FT-PE 10-36V BK	A.64
2817030000	A2T 4 FS-FT-PE 30-70V BK	A.64
2817040000	A2T 4 FS-FT-PE 60-150V BK	A.64
2817050000	A2T 4 FS-FT-PE 100-250V BK	A.64
2817060000	AEP 2T 4 FS	A.63
2817060000	AEP 2T 4 FS	A.64
2817060000	AEP 2T 4 FS	A.71
2817770000	AEB 35 SCL/1 V0 TGY DL	A.102
2817980000	A3T 1.5 VL	A.40
2817990000	A3T 1.5 FT-FT-PE	A.41
2818000000	A3T 1.5 PE	A.59

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2820630000	A2T 2.5 EM1 D3/1	A.93
2820640000	A2T 2.5 EM1 D3/2	A.93
2820650000	ASP 2T 2.5	A.95
2829060000	APG 6/4	B.143

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2831500000	A2T 4 FS-FT	A.63
2831510000	A2T 4 FS-FT-PE	A.63
2831520000	A2T 4 DT-FT	A.63
2831520000	A2T 4 DT-FT	A.64
2831520000	A2T 4 DT-FT	A.71
2831530000	A2T 4 DT-FT-PE	A.63
2831530000	A2T 4 DT-FT-PE	A.64
2831530000	A2T 4 DT-FT-PE	A.71
2831540000	A2T 4 DT-FT W/O DTLV	A.71
2831550000	A2T 4 DT-FT-PE W/O DTLV	A.71
2831560000	ZQV 2.5N/2 WT	A.113
2831560000	ZQV 2.5N/2 WT	A.345
2831570000	ZQV 2.5N/3 WT	A.113
2831570000	ZQV 2.5N/3 WT	A.345
2831580000	ZQV 2.5N/4 WT	A.113
2831580000	ZQV 2.5N/4 WT	A.345
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2831590000	ZQV 2.5N/5 WT	A.345
2831600000	ZQV 2.5N/6 WT	A.113
2831600000	ZQV 2.5N/6 WT	A.345
2831610000	ZQV 2.5N/7 WT	A.113
2831610000	ZQV 2.5N/7 WT	A.345
2831620000	ZQV 2.5N/8 WT	A.113
2831620000	ZQV 2.5N/8 WT	A.345
2831630000	ZQV 2.5N/9 WT	A.113
2831630000	ZQV 2.5N/9 WT	A.345
2831640000	ZQV 2.5N/10 WT	A.113
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2831650000	ZQV 2.5N/20 WT	A.345
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2831660000	ZQV 2.5N/50 WT	A.345
2831670000	ZQV 2.5N/2 BK	A.113
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2831710000	ZQV 2.5N/6 BK	A.113
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2831750000	ZQV 2.5N/10 BK	A.113
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2831780000	ZQV 4N/9 BK	A.345
2831790000	ZQV 4N/10 WT	A.113
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2831860000	ZQV 4N/8 WT	A.113
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2831870000	ZQV 4N/9 WT	A.113
2831870000	ZQV 4N/9 WT	A.345
2831890000	ZQV 4N/41 BK	A.113
2831890000	ZQV 4N/41 BK	A.345

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2847200000	AL2C 2.5	A.17
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2847220000	AL2C 2.5 DBL	A.119
2847230000	AL2C 2.5 RD	A.119
2847240000	AL2C 2.5 OR	A.119
2847250000	AL2C 2.5 GN	A.119
2847260000	AL2C 2.5 VT	A.119
2847270000	AL2C 2.5 BK	A.119
2847280000	AL2C 2.5 WT	A.119
2847290000	AL2C 2.5 YL	A.119
2847300000	AL2C 2.5 LTGY	A.119
2847310000	AL2C 2.5 BR	A.119
2847320000	AL2C 2.5 FE	B.256
2847330000	AL3C 2.5	A.18
2847330000	AL3C 2.5	A.119
2847340000	AL3C 2.5 BL	A.18
2847340000	AL3C 2.5 BL	A.119
2847350000	AL3C 2.5 DBL	A.119
2847360000	AL3C 2.5 RD	A.119
2847370000	AL3C 2.5 OR	A.119
2847380000	AL3C 2.5 GN	A.119
2847390000	AL3C 2.5 VT	A.119
2847400000	AL3C 2.5 BK	A.119
2847410000	AL3C 2.5 WT	A.119
2847420000	AL3C 2.5 YL	A.119
2847430000	AL3C 2.5 LTGY	A.119
2847440000	AL3C 2.5 BR	A.119
2847450000	AL3C 2.5 FE	B.256
2847460000	AL4C 2.5	A.19
2847460000	AL4C 2.5	A.119
2847470000	AL4C 2.5 BL	A.19
2847470000	AL4C 2.5 BL	A.119
2847480000	AL4C 2.5 DBL	A.119

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2847490000	AL4C 2.5 RD	A.119
2847500000	AL4C 2.5 OR	A.119
2847510000	AL4C 2.5 GN	A.119
2847520000	AL4C 2.5 VT	A.119
2847530000	AL4C 2.5 BK	A.119
2847540000	AL4C 2.5 WT	A.119
2847550000	AL4C 2.5 YL	A.119
2847560000	AL4C 2.5 LTGY	A.119
2847570000	AL4C 2.5 BR	A.119
2847580000	AL4C 2.5 FE	B.257
2847590000	AL2C 2.5 PE	A.47
2847600000	AL3C 2.5 PE	A.48
2847610000	AL4C 2.5 PE	A.49
2847710000	AL2C 4	A.20
2847710000	AL2C 4	A.119
2847720000	AL3C 4	A.21
2847720000	AL3C 4	A.119
2847730000	AL4C 4	A.21
2847730000	AL4C 4	A.119
2847740000	AL2C 4 PE	A.50
2847750000	AL3C 4 PE	A.51
2847770000	AL4C 4 PE	A.51

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2855270000	ZDU 6-2 O.EL	A.219
2856200000	A3T 1.5 DL	A.102
2856210000	A3T 1.5 BL DL	A.102
2856220000	A3T 1.5 VL DL	A.102
2856230000	A3T 1.5 FT-FT-PE DL	A.102
2856240000	A3T 1.5 PE DL	A.102

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2860570000	AWPD 35 4X10 BL	B.52
2862960000	S2C 2.5 DL	A.102
2862970000	S3C 2.5 DL	A.102
2862980000	S4C 2.5 DL	A.102
2862990000	S2C 2.5 DL BL	A.102
2863000000	S3C 2.5 DL BL	A.102
2863010000	S4C 2.5 DL BL	A.102
2863020000	S2C 2.5 PE DL	A.102
2863030000	S3C 2.5 PE DL	A.102
2863040000	S4C 2.5 PE DL	A.102
2863880000	WTL 6 STB	B.160
2863880000	WTL 6 STB	B.161
2863890000	WTL 6 STB BL	B.160
2863890000	WTL 6 STB BL	B.161
2863900000	WTL 6 STB SW	B.160
2863900000	WTL 6 STB SW	B.161
2863910000	WTL 6 STB GR	B.160
2863910000	WTL 6 STB GR	B.161
2863960000	WAP WTL 6	B.160
2863960000	WAP WTL 6	B.161
2863970000	WAP WTL 6 BL	B.160
2863970000	WAP WTL 6 BL	B.161
2868370000	WDUB 16	A.252
2868500000	WAP WTL 6 GR	B.160
2868500000	WAP WTL 6 GR	B.161
2868510000	WAP WTL 6 SW	B.160
2868510000	WAP WTL 6 SW	B.161

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2871750000	ALEP 2C 2.5	A.17
2871750000	ALEP 2C 2.5	A.47
2871750000	ALEP 2C 2.5	B.256
2871760000	ALEP 2C 2.5 BL	A.17
2871760000	ALEP 2C 2.5 BL	B.256
2871770000	ALEP 3C 2.5	A.18
2871770000	ALEP 3C 2.5	A.48
2871770000	ALEP 3C 2.5	B.256
2871780000	ALEP 3C 2.5 BL	A.18
2871780000	ALEP 3C 2.5 BL	B.256
2871790000	ALEP 4C 2.5	A.19
2871790000	ALEP 4C 2.5	A.49
2871790000	ALEP 4C 2.5	B.257
2871800000	ALEP 4C 2.5 BL	A.19
2871800000	ALEP 4C 2.5 BL	B.257
2871810000	ALEP 2C 4	A.20
2871810000	ALEP 2C 4	A.50
2871810000	ALEP 2C 4	B.257
2871820000	ALEP 2C 4 BL	A.20
2871820000	ALEP 2C 4 BL	B.257
2871830000	ALEP 3C 4	A.21
2871830000	ALEP 3C 4	A.51
2871830000	ALEP 3C 4	B.257
2871840000	ALEP 3C 4 BL	A.21
2871840000	ALEP 3C 4 BL	A.51
2871840000	ALEP 3C 4 BL	B.257
2871850000	ALEP 4C 4	A.21
2871850000	ALEP 4C 4	A.51
2871850000	ALEP 4C 4	B.258
2871860000	ALEP 4C 4 BL	A.21
2871860000	ALEP 4C 4 BL	B.258
2871870000	AL2C 4 BL	A.20
2871870000	AL2C 4 BL	A.119
2871880000	AL2C 4 DBL	A.119
2871890000	AL2C 4 RD	A.119

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2871910000	AL2C 4 GN	A.119
2871920000	AL2C 4 VT	A.119
2871930000	AL2C 4 BK	A.119
2871940000	AL2C 4 WT	A.119
2871950000	AL2C 4 YL	A.119
2871960000	AL2C 4 LTGY	A.119
2871970000	AL2C 4 BR	A.119
2871980000	AL2C 4 FE	B.257
2871990000	AL3C 4 BL	A.21
2871990000	AL3C 4 BL	A.119
2872000000	AL3C 4 DBL	A.119
2872010000	AL3C 4 RD	A.119
2872020000	AL3C 4 OR	A.119
2872030000	AL3C 4 GN	A.119
2872040000	AL3C 4 VT	A.119
2872050000	AL3C 4 BK	A.119
2872060000	AL3C 4 WT	A.119
2872070000	AL3C 4 YL	A.119
2872080000	AL3C 4 LTGY	A.119
2872090000	AL3C 4 BR	A.119
2872100000	AL3C 4 FE	B.257
2872110000	AL4C 4 BL	A.21
2872110000	AL4C 4 BL	A.119
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2874890000	S3C 4 PE	A.11
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2874990000	S4C 4 PE DL	A.102
2875120000	S2C 2.5 OR	A.6
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2876180000	AEP 4C 6	A.23
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2876640000	A2C 2.5 VT	A.118

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2881460000	A4C 6 BL	A.23
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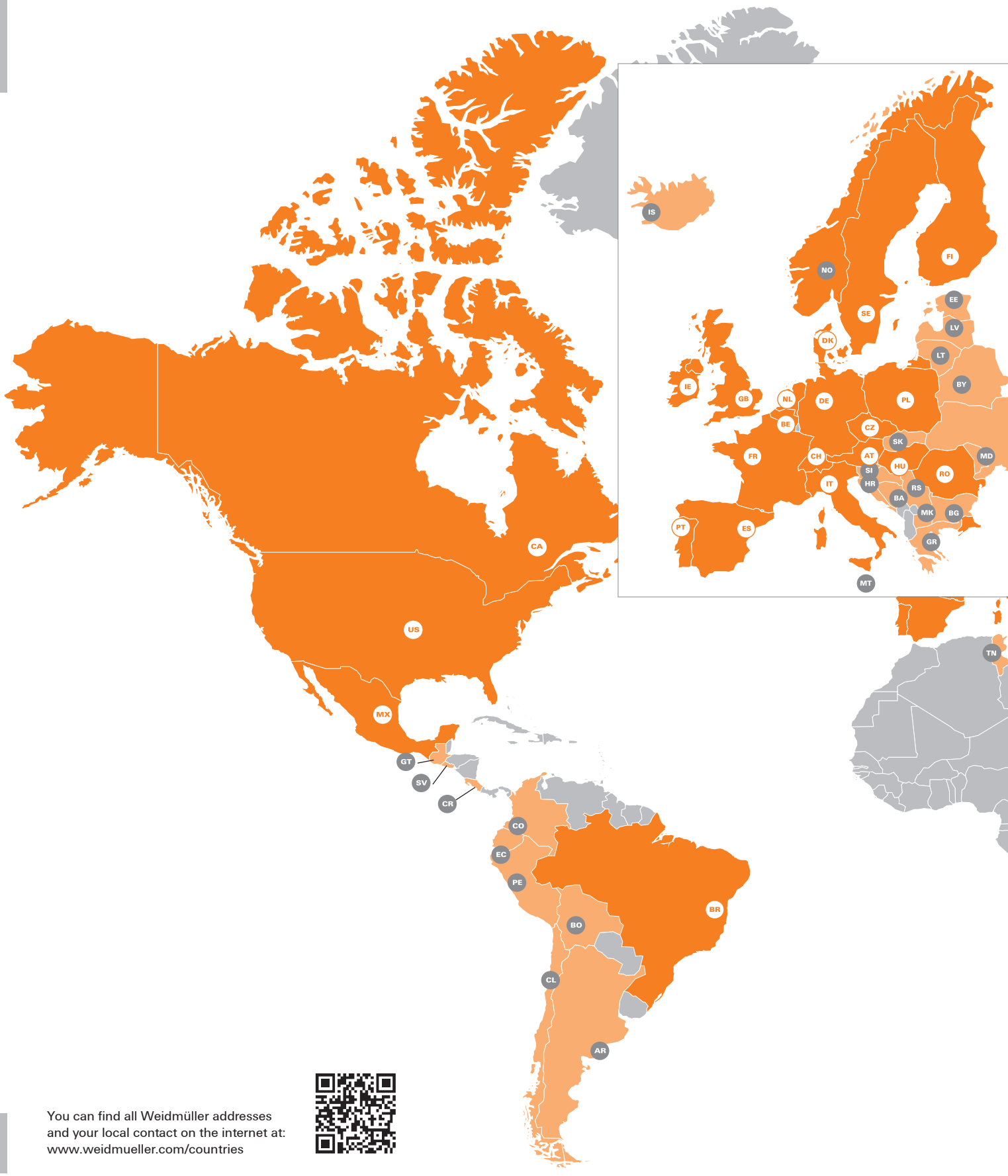

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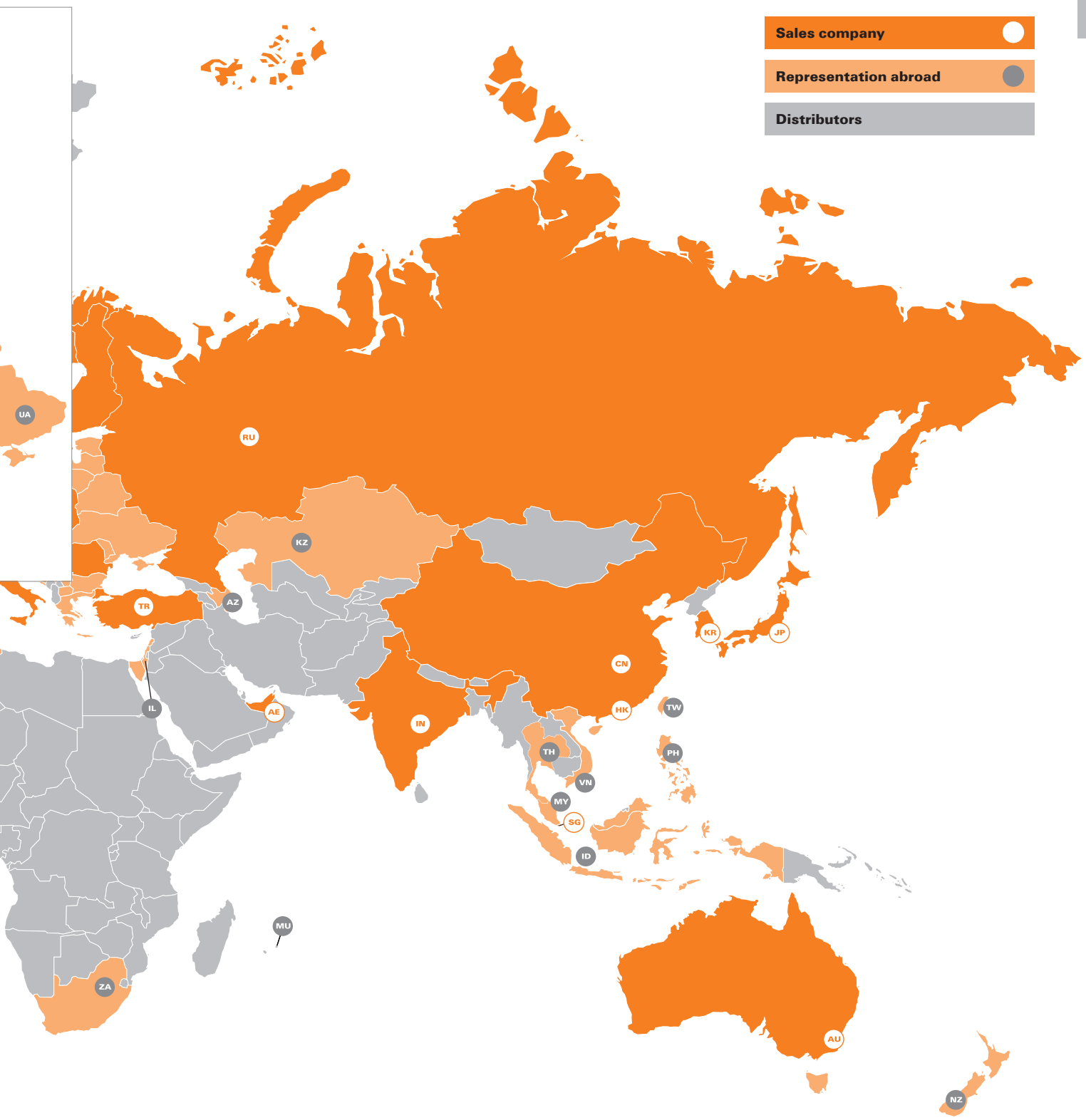
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