

Terminal blocks Klippon® Connect

Catalogue extract SNAP IN & PUSH IN connection technologies

Version 2025



Weidmüller 

Terminal blocks

Catalogue extract SNAP IN & PUSH IN connection technologies

Terminal blocks

Universal range

Spring connection with SNAP IN technology (S-Series)

Spring connection with PUSH IN technology (A-Series)

Application range

Power feed-in

Power distribution

Control voltage distribution

Signal wiring

Signal marshalling

Building installation wiring

Instrument transformer wiring

Shielding and earthing

Installation

Appendix

Service and support

Index

Index Type / Order No.



Efficient planning, installation and operation

Klippon® Connect provides you with added value at all stages

Control cabinets perform key functions in industrial applications: they transmit signals, control data and distribute power – often in challenging conditions such as vibration, dust, cold or heat. At the same time, they must be tailored to the specific requirements of each industry. To maximise efficiency potential, a consistent, optimised panel building process is essential.

This is where Klippon® Connect comes in.

With Klippon® Connect, you can maximise the efficiency of every step in the panel building process. Our terminal block solutions are designed to noticeably simplify your daily work – from planning to ongoing operation.

What this means for you:

- Less planning effort thanks to intelligent configuration tools
- Faster wiring thanks to innovative connection technologies
- Error-free processes thanks to consistent data and clear structures
- Easier marking and documentation
- Reliable operation thanks to durable, low-maintenance connections
- In short: you save time, avoid errors and increase your productivity – without compromise.



Productivity in the process – optimised phase by phase

Every panel building project starts with planning – it lays the foundation for efficiency and quality. This is followed by work preparation, assembly, testing and commissioning. To support you in the best possible way in each of these phases, we have structured and specifically optimised the entire process into the three core areas of planning, installation and operation.

The result: integrated solutions that save time, avoid errors and measurably increase your productivity – from the first planning step to ongoing operation.

Your benefits at a glance

Planning

- Up to 75% time savings in engineering
- Faster planning with the Weidmüller Configurator (WMC)
- Automatic compatibility check of terminals, accessories and markers
- Consistent data models for seamless integration into ECAD systems



Installation

- SNAP IN technology for lightning-fast, tool-free connection of conductors – even with pre-assembled wires
- PUSH IN connection for vibration-resistant, gas-tight connections with minimal effort
- Clear functional assignment through colour coding and large marking areas

Operation

- Integrated test points for easy maintenance and diagnostics
- Tool-free rewiring is possible with PUSH IN and SNAP IN
- Robust, low-maintenance connection technology ensures maximum system availability and easy expandability

Pioneers in industrial connectivity

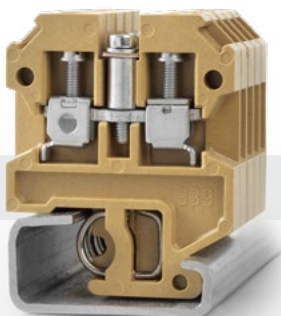
Being a pioneer means reinventing yourself time and time again

More than 75 years of experience, several billion connections manufactured and countless hours of development make Weidmüller terminal blocks the safest and most powerful on the market.

1948

SAK-Series

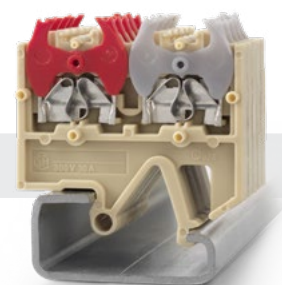
First plastic isolated terminal block



1978

DSK-Series

First terminal block with direct plug in technology



2004

P-Series

First terminal block family from Weidmüller with PUSH IN technology



2016

A-Series

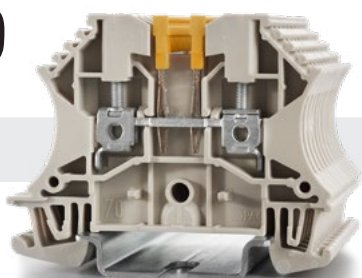
First terminal block family with PUSH IN technology with pushers and application products



1983

W-Series

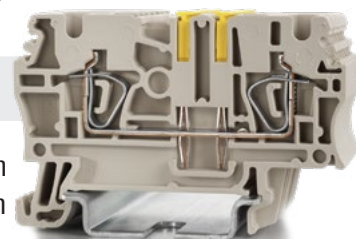
First terminal block with self locking clamping yoke technology



1993

Z-Series

First terminal block from Weidmüller with tension clamp technology



2021



SNAP IN

S-Series

First terminal block family with SNAP IN technology



Solutions for more productivity

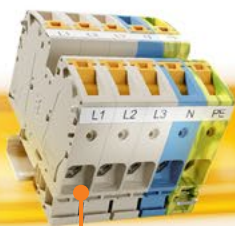
Extremely flexible process design – with Klippon® Connect

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.



Power feed-in



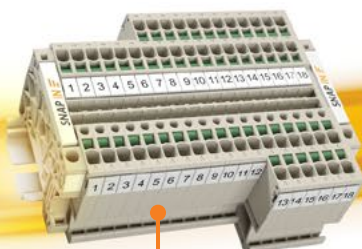
Power distribution



Control voltage distribution



Current and voltage transformer wiring



Spring connection with SNAP IN technology



Spring connection with PUSH IN technology



Spring connection with tension clamp technology

Building installation wiring

Shielding and earthing

Signal marshalling

Signal wiring

Screw connection with stud technology

Screw connection with clamping yoke technology

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.

Configure. Share. Access anywhere.

Efficiency booster from engineering to production

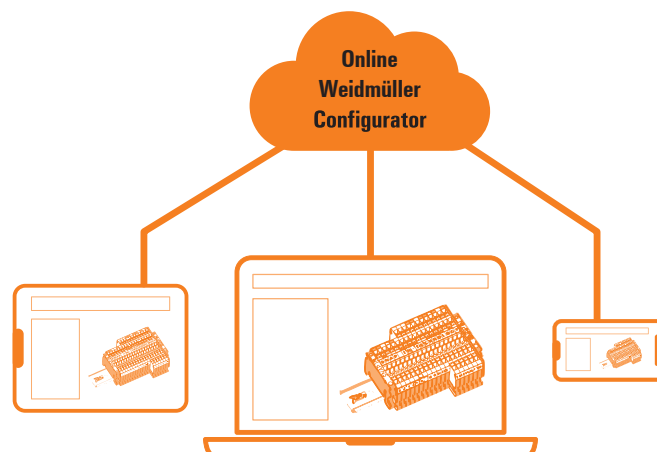
Discover the New Weidmüller Online Configurator!

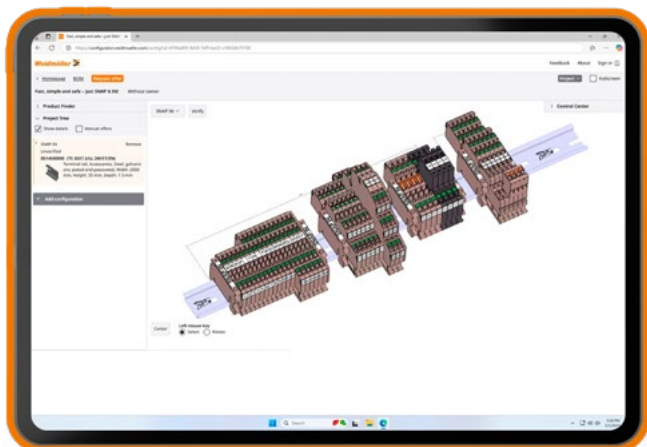
The new online configurator extends the well-known Weidmüller Configurator (WMC) with a web-based version – perfect for configuring terminal strips. No installation required, directly accessible in any browser – anytime and anywhere.

Whether you're in the office, in production, or on the go: Access your configurations whenever and wherever you want – on a PC, tablet, or smartphone. The web-based solution not only simplifies access but also noticeably speeds up your processes. Developed in collaboration with customers, the interface impresses with its ease of use.

Your Benefits at a Glance:

- ✓ **Quick Start:** No updates or approvals needed – ready to use in your browser instantly.
- ✓ **Intuitive Operation:** User-friendly and suitable even for less experienced users.
- ✓ **Seamless Collaboration:** Easily share configurations via link – with read or edit permissions.
- ✓ **Smart Optimization:** Reduce installation width or switch connection technology with a click – e.g., to PUSH IN or SNAP IN.
- ✓ **Convenient Transition:** Existing WMC configurations can be directly transferred via cloud upload.
- ✓ **Fast Delivery:** Use the Fast Delivery Service now anytime and anywhere.

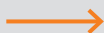




Online Weidmüller Configurator
From November 2025



Weidmüller Configurator (WMC)



Online Weidmüller Configurator

Online Weidmüller Configurator

Available from November 2025 - Configure anywhere, anytime and online.



Test the online WMC now!

configurator.weidmueller.com

All information about the software can be found here:
www.weidmueller.com/wmc

Fast Delivery Service for assembled terminal rails and enclosures

Produce faster with higher flexibility and efficiency

The Fast Delivery Service as a part of our Klippon® Assembly Service simplifies your planning, accelerates your production processes, and guarantees the delivery of individually assembled and ready-to-install terminal rails and enclosures. This way, you reduce costs, increase flexibility and stay one step ahead of your competitors.

Individual assembly in the Weidmüller Configurator

Our Weidmüller Configurator (WMC) supports you step-by-step as you select and configure your terminal rail or enclosures. You decide whether you want to carry out the complete configuration in the WMC or whether you want to import data sets from your E-CAD system and, after making final adjustments in the WMC, simply transfer them back again. The product categories below are available in the Weidmüller Configurator and can be assembled.



Products available in the Weidmüller Configurator



Terminal Blocks

Up to 5000 different terminals can be selected from the Weidmüller Klippon® Connect portfolio to be assembled on a mounting rail.



Empty and assembled industrial enclosures

You can configure drilled and assembled industrial enclosures including terminal rails and cable entry systems.



Assembled ex certified enclosures

In addition to industrial enclosures, ex-certified enclosures can also be assembled and drilled.

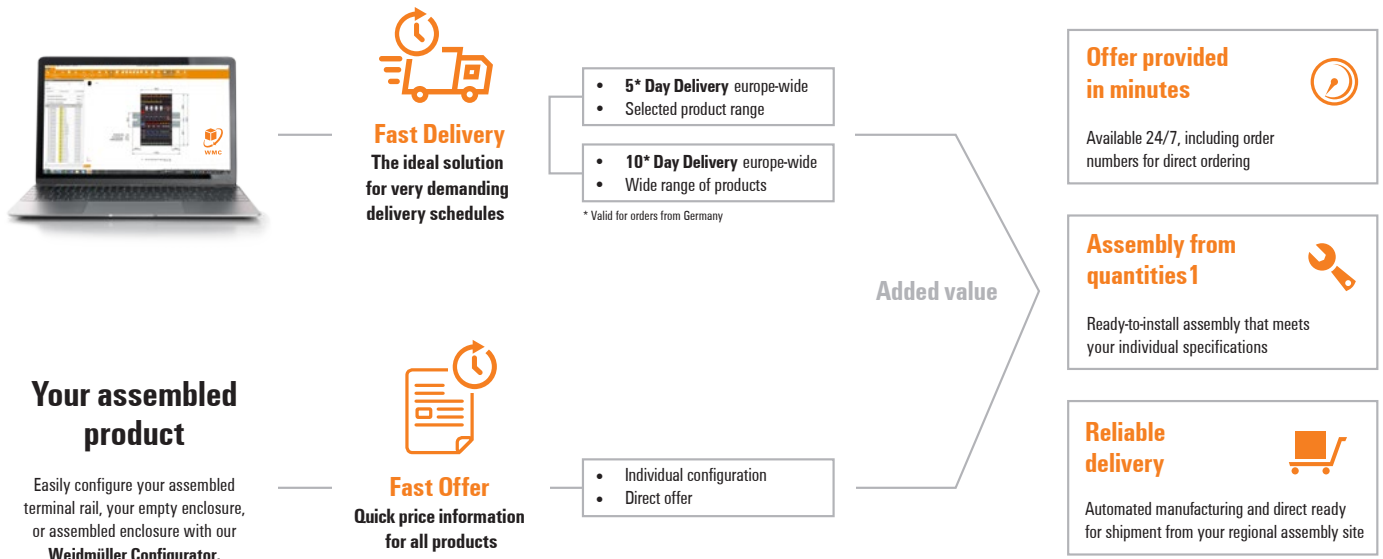


Power supplies and relays

Use the Weidmüller Configurator to pre-assemble products such as relays and power supplies on terminal rails.

Determine your own delivery time thanks to Fast Delivery Service

We offer the choice between 3 service levels





In just three steps to your first order

Your easy start with our Fast Delivery Service

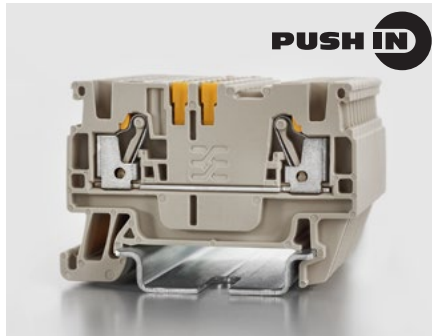
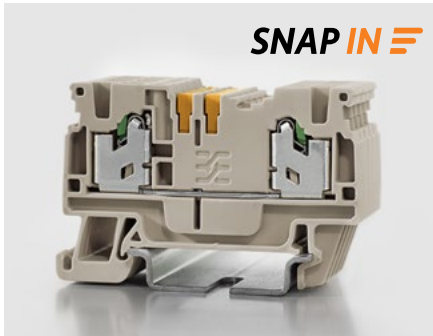


Universal range

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.26
	Fuse terminals blocks	A.40
	Test-disconnect terminal blocks	A.41
	Pluggable terminal blocks	A.45
	Spring connection with PUSH IN technology (A-Series)	A.56
	Feed-through terminal blocks	A.58
	PE terminal blocks	A.92
	Fuse terminal blocks	A.106
	Test-disconnect terminal blocks	A.112
	Pluggable terminal blocks	A.122
	Terminal blocks with electronic components	A.144
	Terminal blocks with integrated markers	A.152
Accessories	A.162	

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 16 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 high-quality, 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:

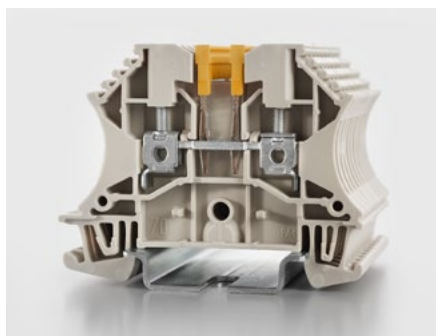
- The tension clamp system works in a similar way to the proven clamping yoke
- The tension clamp made of high-quality, acid-resistant stainless steel pulls the conductor against the galvanised copper current bar
- The surfacetreated current bar permanently provides a low level of contact resistance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

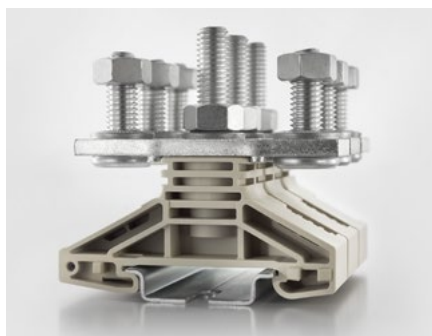
- The clamping yoke system combines the specific properties of steel and copper. While the clamping yoke and clamping screw are made of hardened steel, the current is made of copper or high-quality copper alloy
- The clamping yoke pulls the conductor to be connected against the current bar
- Our clamping 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

A



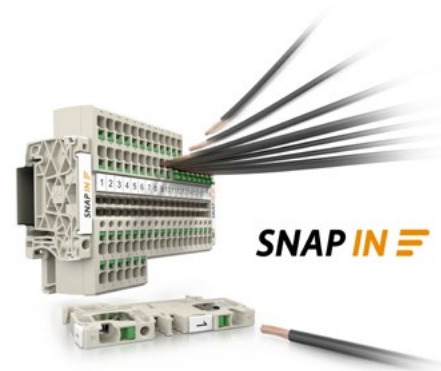
Time is money. For this reason, installation work in control cabinet construction must be carried out ever faster, preferably automated. At the same time, the connections should be permanently reliable, safe, and easy to maintain. The new Klippon® Connect terminal blocks with Weidmüller's revolutionary 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.

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.



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:

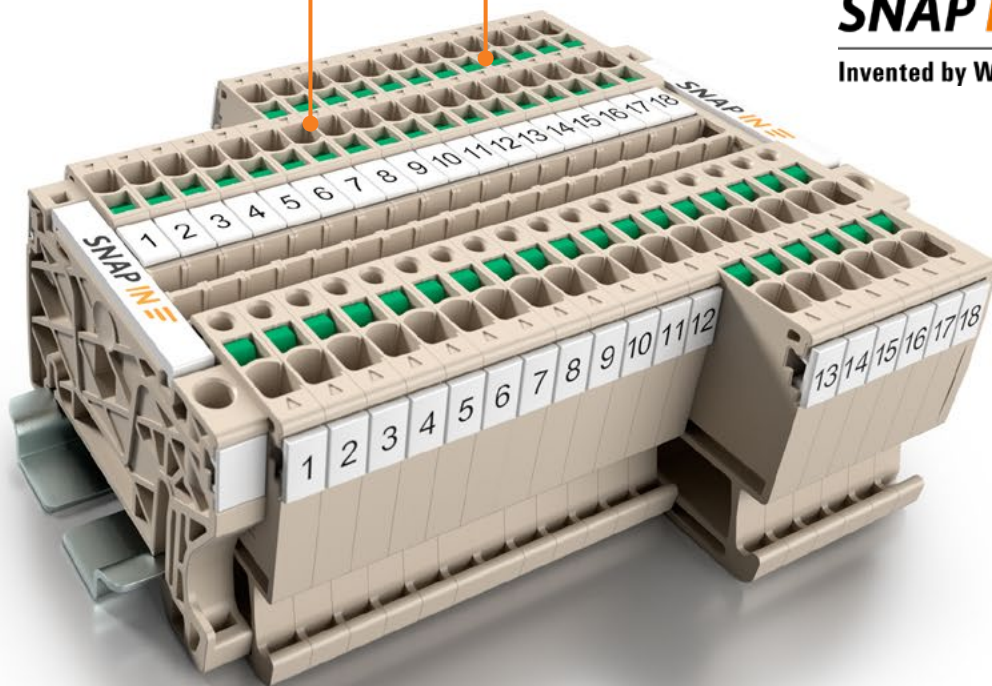
A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

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

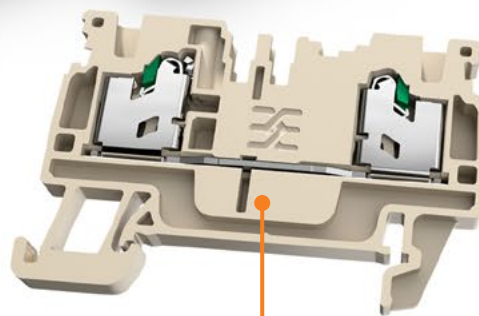
- Intuitive and simple handling of SNAP IN technology
- Low mating forces due to simple insertion of the stripped conductor
- Quick and easy connection even without ferrule
- Clear distinction made between all functional areas



SNAP IN 
Invented by Weidmüller.

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



Spring connection with SNAP IN technology (S-Series)

Feed-through terminal blocks

Universal range

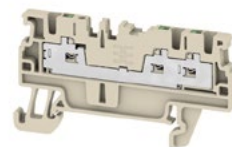
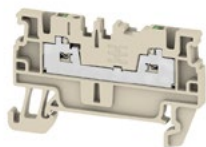
A

S2C 1.5

1.5 mm²

S3C 1.5

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5
17.5 / 1.5
0.14...1.5



3.5 x 61.5 x 33.5
17.5 / 1.5
0.14...1.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	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			
0.34...1.5 / 0.34...1.5			
0.34...1.5 / 0.14...0.75			
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			
0.34...1.5 / 0.34...1.5			
0.34...1.5 / 0.14...0.75			
8 / 0.4 x 2.0 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S2C 1.5		2986540000
S2C 1.5 BL		2986550000
S2C 1.5 OR		2986560000
Note		

Type	Qty.	Order No.
S3C 1.5		2986580000
S3C 1.5 BL		2986590000
S3C 1.5 OR		2986600000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
	Standard
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
End plate		
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
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
End plate		
AEP 3C 1.5	50	1552620000
AEP 3C 1.5 BL	50	1552630000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
Test plug		
PS 2.0 MC	20	0310000000
Screwdriver		
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

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

S4C 1.5

1.5 mm²

Q1
2026



3.5 x 67.5 x 33.5

17.5 / 1.5

0.14...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
6 kV / 3			
A1 / V-0			

Rated connection

0.34...1.5 / 0.34...1.5

0.34...1.5 / 0.14...0.75

8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
S4C 1.5		2986620000
S4C 1.5 BL		2986630000
S4C 1.5 OR		2986640000

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 VO	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
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



Spring connection with SNAP IN technology (S-Series)

Feed-through terminal blocks

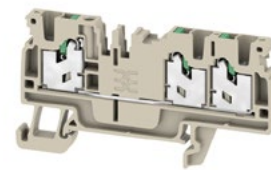
S2C 2.5

2.5 mm²



S3C 2.5

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 59 x 38	
24 / 2.5	
0.34...2.5	

5.1 x 71.5 x 38	
24 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	15	21
2.5	AWG 22...12	AWG 20...14	2.5 mm ²
8 kV / 3			
A2 / V-0			
TUEV22ATEX8925U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			

CE, UL, IEC, CSA, EN, TÜV, ATEX, UKCA

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	15	21
2.5	AWG 22...12	AWG 20...14	2.5 mm ²
8 kV / 3			
A2 / V-0			
TUEV22ATEX8925U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			

CE, UL, IEC, CSA, EN, TÜV, ATEX, UKCA

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S2C 2.5	100	2674530000
S2C 2.5 BL	100	2753940000
S2C 2.5 OR	100	2875120000

Type	Qty.	Order No.
S3C 2.5	100	2674540000
S3C 2.5 BL	100	2753950000
S3C 2.5 OR	100	2875130000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

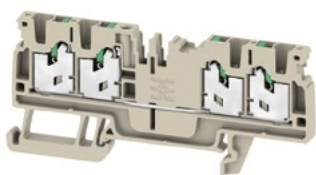
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2C 2.5	20	2751080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	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

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 3C 2.5	20	2751090000
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 MHR	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

S4C 2.5

2.5 mm²



5.1 x 84 x 38
24 / 2.5
0.34...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	15	21
2.5	AWG 22...12	AWG 20...14	2.5 mm ²
8 kV / 3			
A2 / V-0			

CE cRU US KEUR KEUR TUEV22ATEX8925U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.34...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 VO	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



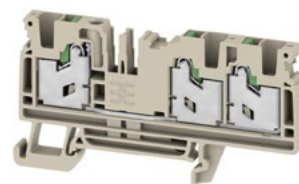
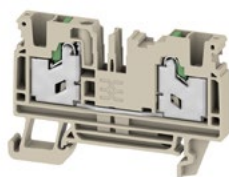
Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

S2C 4

4 mm²

S3C 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 62 x 41.5
32 / 4
0.75...4

6.1 x 78 x 41.5
32 / 4
0.75...4

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600	600	550
32	30	30	29
4	AWG 20...10	AWG 20...10	6 mm ²
8 kV / 3			
A4 / V-0			
TUEV22ATEX8925U			
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	600	600	550
32	30	30	29
4	AWG 20...10	AWG 20...10	6 mm ²
8 kV / 3			
A4 / V-0			
TUEV22ATEX8925U			
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S2C 4	50	2874820000
S2C 4 BL	50	2874830000
S2C 4 OR	50	3023540000
Note		

Type	Qty.	Order No.
S3C 4	50	2874840000
S3C 4 BL	50	2874850000
S3C 4 OR	50	3023550000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

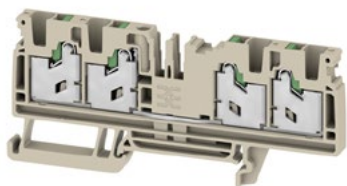
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 2C 4	20	2874790000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000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

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

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

S4C 4

4 mm²



6.1 x 94 x 41.5
32 / 4
0.75...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
32	30	30	29
4	AWG 20...10	AWG 20...10	6 mm ²
8 kV / 3			
A4 / V-0			

CE cRU US UK TUEV22ATEX8925U

Rated connection

0.75...4 / 0.75...4

0.75...4 / 0.75...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 4	50	2874860000
S4C 4 BL	50	2874870000
S4C 4 OR	50	3023560000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 4C 4	20	2874810000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000	1011320000
DEK 5/6 MM WS	600	2007120000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000



Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

Universal range

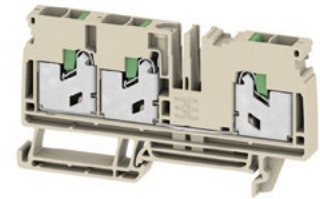
A



S2C 6 **6 mm²**




S3C 6 **6 mm²**




Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 66.5 x 45.5
41 / 6
0.5...6



8.1 x 84.5 x 45.5
41 / 6
0.5...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
	8 kV / 3		
	A5 / V-0		
CE			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
	8 kV / 3		
	A5 / V-0		
CE			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S2C 6	50	2935540000
S2C 6 BL	50	2935550000
S2C 6 OR	50	2935560000
Note		

Type	Qty.	Order No.
S3C 6	50	2935570000
S3C 6 BL	50	2935580000
S3C 6 OR	50	2935590000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
	Standard
Screwdriver	
	Standard
Marking tags	

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
SEP 2C 6	20	2935660000
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 MHR	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
Note		

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
SEP 3C 6	20	2935670000
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 MHR	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
Note		

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

S4C 6

6 mm²



8.1 x 102 x 45.5

41 / 6

0.5...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
41			
6			
		8 kV / 3	
		A5 / V-0	

CE

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.
S4C 6	50	2935600000
S4C 6 BL	50	2935610000
S4C 6 OR	50	2935620000

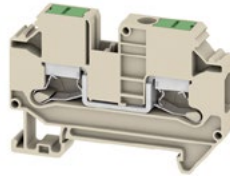
Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
ZQV 6N/3	41 A 60	1985760000
ZQV 6N/4	41 A 60	1985780000
SEP 4C 6	20	2935680000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEKA 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



Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

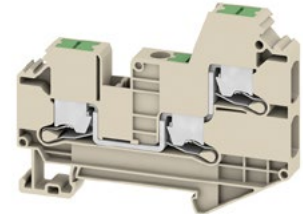
SL2C 6

6 mm²



SL3C 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.2 x 62.8 x 42.2
41 / 10
0.5...10

8.2 x 76.7 x 57.6
41 / 10
0.5...10

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
41	40	40	
6	AWG 14...8		
8 kV / 3			
A5 / V-0			

CE e PA US

Rated connection	
0.5...10 / 1.5...10	
1.5...10 / 1.5...6	
12 / 1.0 x 5.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
41	40	40	
6	AWG 14...8		
8 kV / 3			
A5 / V-0			

CE e PA US

Rated connection	
0.5...10 / 1.5...10	
1.5...10 / 1.5...6	
12 / 1.0 x 5.5 mm	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
SL2C 6	50	3037380000
SL2C 6 BL	50	3037390000

Type	Qty.	Order No.
SL3C 6	50	3037410000
SL3C 6 BL	50	3037420000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 6SL/2	41 A 25	3077580000
ZQV 6SL/3	41 A 25	3077590000
ZQV 6SL/4	41 A 25	3077600000
SLEP 2C 6	50	3037590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MHR	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

Type	Qty.	Order No.
ZQV 6SL/2	41 A 25	3077580000
ZQV 6SL/3	41 A 25	3077590000
ZQV 6SL/4	41 A 25	3077600000
SLEP 2C 6	50	3037590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MHR	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

SL4C 6

6 mm²



8.2 x 90.6 x 57.6

41 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
41	40	40	
6		AWG 14...8	
		8 kV / 3	
		A5 / V-0	

CE cRU_{us}

Rated connection

0.5...10 / 1.5...10

1.5...10 / 1.5...6

12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL4C 6	50	3037440000
SL4C 6 BL	50	3037450000

Type	Qty.	Order No.
ZQV 6SL/2	41 A 25	3077580000
ZQV 6SL/3	41 A 25	3077590000
ZQV 6SL/4	41 A 25	3077600000
SLEP 2C 6	50	3037590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MHR	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



Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

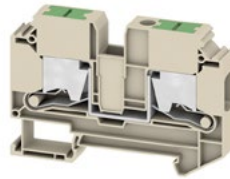
Universal range

A



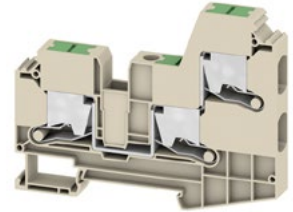
SL2C 10

10 mm²



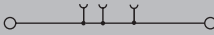
SL3C 10

10 mm²

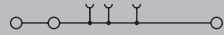


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

10.2 x 72 x 48.8
57 / 16
1.5...16



10.2 x 89.1 x 68.5
57 / 16
1.5...16



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
57	55	55	
10	AWG 12...6		
8 kV / 3			
A6 / V-0			

CE eTÜS

Rated connection	
1.5...16 / 2.5...16	
2.5...16 / 2.5...10	
18 / 1.0 x 5.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
57	55	55	
10	AWG 12...6		
8 kV / 3			
A6 / V-0			

CE eTÜS

Rated connection	
1.5...16 / 2.5...16	
2.5...16 / 2.5...10	
18 / 1.0 x 5.5 mm	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
SL2C 10	50	3037500000
SL2C 10 BL	50	3037510000

Type	Qty.	Order No.
SL3C 10	50	3037530000
SL3C 10 BL	50	3037540000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

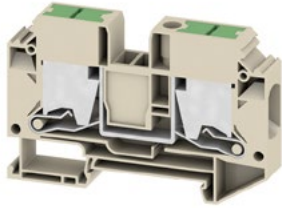
Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
SLEP 2C 10	50	3037650000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 10 MI-R	0.2 A 50	1991870000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
SLEP 2C 10	50	3037650000
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-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

SL2C 16

16 mm²



12.2 x 77.2 x 49.8

76 / 25

2.5...25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
76	75	75	
16		AWG 10...4	
		8 kV / 3	
		A7 / V-0	

CE cRU_{us}

Rated connection

2.5...25 / 4...25

4...25 / 2.5...16

20 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL2C 16	50	3037560000
SL2C 16 BL	50	3037570000

Type	Qty.	Order No.
ZQV 16N/2	76 A 25	2497290000
SLEP 2C 10	50	3037650000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 10 MI-R	0.2 A 50	1991870000
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



Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

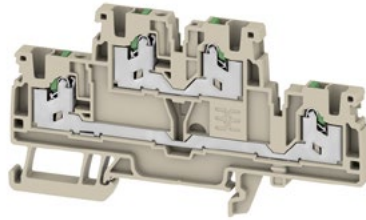
Universal range

A

S2T 2.5

2.5 mm²

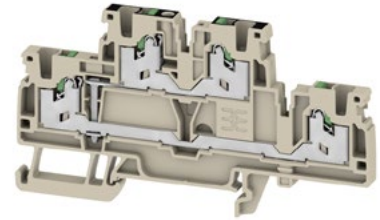
SNAP IN



S2T 2.5 VL

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 95 x 52	
22 / 2.5	
0.34...2.5	

5.1 x 95 x 52	
22 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
22	20	20	19
2.5	AWG 22...12	AWG 22...12	2.5 mm ²
8 kV / 3			
A2 / V-0			

CE TUEV22ATEX8925U

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	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
22	20	20	19
2.5	AWG 22...12	AWG 22...12	2.5 mm ²
8 kV / 3			
A2 / V-0			

CE TUEV22ATEX8925U

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	

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S2T 2.5	50	2902380000
S2T 2.5 BL	50	2902390000
S2T 2.5 OR	50	2902400000

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

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	20	2913480000
SEP 2T 2.5 BL	20	2913490000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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

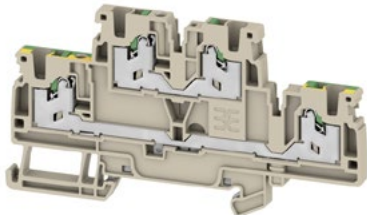
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5	20	2913480000
SEP 2T 2.5 BL	20	2913490000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 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

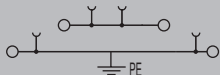
S2T 2.5 FT-PE

2.5 mm²

SNAP IN



5.1 x 95 x 52
24 / 2.5
0.34...2.5



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

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 22...12	AWG 22...12	2.5 mm ²
8 kV / 3			
A2 / V-0			

CE cRU US UK TUEV22ATEX8925U

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	20	2913480000
SEP 2T 2.5 BL	20	2913490000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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



Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

S2T 2.5 6C

2.5 mm²

SNAP IN



S2T 2.5 6C VL

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 102.5 x 64.5	
24 / 2.5	
0.34...2.5	

5.1 x 102.5 x 64.5	
24 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
		8 kV / 3	
		A2 / V-0	
CE			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
		8 kV / 3	
		A2 / V-0	
CE			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S2T 2.5 6C	50	3093170000
S2T 2.5 6C BL	50	3093200000
Note		

Type	Qty.	Order No.
S2T 2.5 6C VL	50	3093210000
S2T 2.5 6C VL BL	50	3093230000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
Vertical jumpers		
End plate		
SEP 2T 2.5 6C	20	3093280000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-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

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
Vertical jumpers		
End plate		
SEP 2T 2.5 6C	20	3093280000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-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

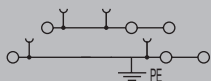
S2T 2.5 6C FT-PE

2.5 mm²

SNAP IN



5.1 x 102.5 x 64.5
24 / 2.5
0.34...2.5



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

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

CE

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.34...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 6C FT-PE	50	3093240000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5 6C	20	3093280000
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



Spring connection with SNAP IN technology (S-Series)

Feed-through terminal blocks

S2T 2.5 8C

2.5 mm²

SNAP IN



S2T 2.5 8C VL

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 127.5 x 64.5	
24 / 2.5	
0.34...2.5	

5.1 x 127.5 x 64.5	
24 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		
CE			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		
CE			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S2T 2.5 8C	50	3093100000
S2T 2.5 8C BL	50	3093110000
Note		

Type	Qty.	Order No.
S2T 2.5 8C VL	50	3093120000
S2T 2.5 8C VL BL	50	3093130000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
Vertical jumpers		
End plate		
End bracket		
SEP 2T 2.5 8C	20	3093260000
Test adapter		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Test plug		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
Screwdriver		
PS 2.0 MC	20	0310000000
Marking tags		
SDIL 0,6X3,5X100	1	2749140000
Note		
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
Vertical jumpers		
End plate		
End bracket		
SEP 2T 2.5 8C	20	3093260000
Test adapter		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Test plug		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
Screwdriver		
PS 2.0 MC	20	0310000000
Marking tags		
SDIL 0,6X3,5X100	1	2749140000
Note		
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

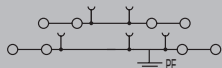
S2T 2.5 8C FT-PE

2.5 mm²

SNAP IN



5.1 x 127.5 x 64.5
24 / 2.5
0.34...2.5



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

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

CE

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.34...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S2T 2.5 8C FT-PE	50	3093150000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5 8C	20	3093260000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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



Spring connection with SNAP IN technology (S-Series)
Feed-through terminal blocks

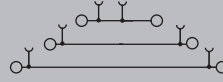
S3T 2.5

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
22 / 2.5
0.34...2.5



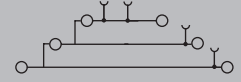
S3T 2.5 VL

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800			
22			
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			
Note			

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			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
S3T 2.5	50	2902530000
S3T 2.5 BL	50	2902540000
Note		

Type	Qty.	Order No.
S3T 2.5 VL	50	2902570000
S3T 2.5 VL BL	50	2902580000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

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 3T 2.5	20	2902630000
SEP 3T 2.5 BL	20	2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-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
Note		

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 3T 2.5	20	2902630000
SEP 3T 2.5 BL	20	2902640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-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
Note		

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

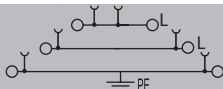
S3T 2.5 FT-FT-PE

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



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

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
6 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.
S3T 2.5 FT-FT-PE	50	2902550000

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 3T 2.5	20	2902630000
SEP 3T 2.5 BL	20	2902640000
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

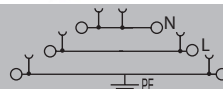
S3T 2.5 N-FT-PE

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
24 / 2.5
0.34...2.5



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

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.
S3T 2.5 N-FT-PE	50	2902560000

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 3T 2.5	20	2902630000
SEP 3T 2.5 BL	20	2902640000
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

Spring connection with SNAP IN technology (S-Series)

PE terminal blocks

Universal range

A

S2C 1.5 PE

1.5 mm²

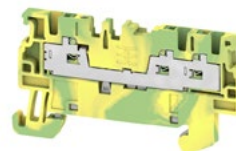
SNAP IN



S3C 1.5 PE

1.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5	
/ 1.5	
0.14...1.5	

3.5 x 61.5 x 33.5	
/ 1.5	
0.14...1.5	

Technical data

Rated data	
for wire cross-section	mm 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	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1.5			
500			
6			
	180 A (1.5 mm ²)		
	3		
	A1 / V-0		

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1.5			
500			
	180 A (1.5 mm ²)		
	3		
	A1 / V-0		

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Rated connection	
0.34...1.5 / 0.34...1.5	
0.34...1.5 / 0.14...0.75	
8 / 0.4 x 2.0 mm	

Rated connection	
0.34...1.5 / 0.34...1.5	
0.34...1.5 / 0.14...0.75	
8 / 0.4 x 2.0 mm	

Note

Ordering data

Version	
	Green/yellow

Type	Qty.	Order No.
S2C 1.5 PE		2986570000

Type	Qty.	Order No.
S3C 1.5 PE		2986610000

Accessories

End plate	dark beige
	Blue
End bracket	dark beige, screwable
	dark beige, direct mounting
Test adapter	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
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

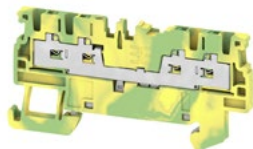
Type	Qty.	Order No.
AEP 3C 1.5	50	1552620000
AEP 3C 1.5 BL	50	1552630000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

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

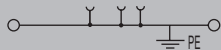
S4C 1.5 PE

1.5 mm²

SNAP IN



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



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1.5			
500			
180 A (1.5 mm ²)			
3			
A1 / V-0			

Rated connection

0.34...1.5 / 0.34...1.5
0.34...1.5 / 0.14...0.75
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
S4C 1.5 PE		2986650000

Type	Qty.	Order No.
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 2.5 MI-R	0.2 A 50	1991960000
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



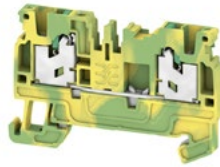
Spring connection with SNAP IN technology (S-Series)

PE terminal blocks

S2C 2.5 PE

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 59 x 38	
/ 2.5	
0.34...2.5	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 20...14	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	Green/yellow

Note

Accessories

End plate	dark beige
	Blue
End bracket	dark beige, screwable
	dark beige, direct mounting
Test adapter	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
S2C 2.5 PE	50	2674560000

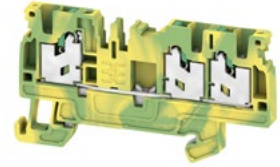
Type	Qty.	Order No.
SEP 2C 2.5	20	2751080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC 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

S3C 2.5 PE

2.5 mm²

SNAP IN



5.1 x 71.5 x 38	
/ 2.5	
0.34...2.5	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 20...14	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Note

Type	Qty.	Order No.
S3C 2.5 PE	50	2674570000

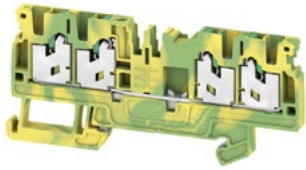
Type	Qty.	Order No.
SEP 3C 2.5	20	2751090000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC 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

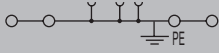
S4C 2.5 PE

2.5 mm²

SNAP IN



5.1 x 84 x 38
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 20...14	2.5 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.34...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



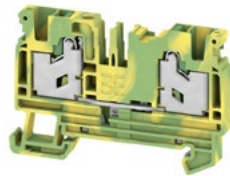
Spring connection with SNAP IN technology (S-Series)

PE terminal blocks

S2C 4 PE

4 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 62 x 41.5	
/ 4	
0.75...4	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 20...10	AWG 20...10	6 mm ²
1000			
8			
480 A (4 mm ²)			
3			
A4 / V-0			

CE

Rated connection	
0.75...4 / 0.75...4	
0.75...4 / 0.75...4	
12 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	Green/yellow

Note

Accessories

End plate	dark beige
	Blue
End bracket	dark beige, screwable
	dark beige, direct mounting
Test adapter	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
S2C 4 PE	50	2874880000

Type	Qty.	Order No.	
SEP 2C 4	20	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 M-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	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	

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

S3C 4 PE

4 mm²

SNAP IN



6.1 x 78 x 41.5	
/ 4	
0.75...4	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 20...10	AWG 20...10	6 mm ²
1000			
8			
480 A (4 mm ²)			
3			
A4 / V-0			

CE

Rated connection	
0.75...4 / 0.75...4	
0.75...4 / 0.75...4	
12 / 0.6 x 3.5 mm	

Note

Ordering data

Type	Qty.	Order No.
S3C 4 PE	50	2874890000

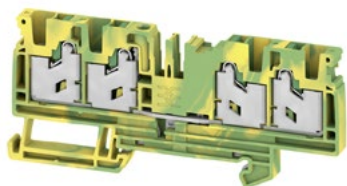
Type	Qty.	Order No.	
SEP 3C 4	20	2874800000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 M-R	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5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

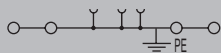
S4C 4 PE

4 mm²

SNAP IN



6.1 x 94 x 41.5
/ 4
0.75...4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 20...10	AWG 20...10	6 mm ²
1000			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		

CE cULus CB

Rated connection

0.75...4 / 0.75...4

0.75...4 / 0.75...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
S4C 4 PE	50	2874900000

Type	Qty.	Order No.
SEP 4C 4	20	2874810000
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
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000



Spring connection with SNAP IN technology (S-Series)
PE terminal blocks

S2C 6 PE

6 mm²

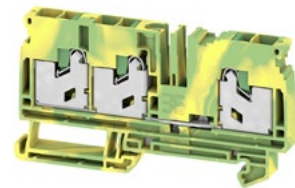
SNAP IN



S3C 6 PE

6 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 66.5 x 45.5	
/ 6	
0.5...6	

8.1 x 84.5 x 45.5	
/ 6	
0.5...6	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
6			
1000			
8			
		720 A (6 mm ²)	
		3	
		A5 / V-0	

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
6			
1000			
8			
		720 A (6 mm ²)	
		3	
		A5 / V-0	

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

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

Note

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
S2C 6 PE	50	2935630000

Type	Qty.	Order No.
S3C 6 PE	50	2935640000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
SEP 2C 6	20	2935660000
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 M/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

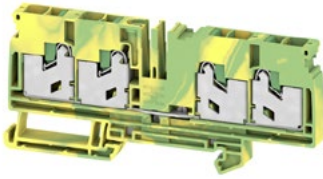
Type	Qty.	Order No.
SEP 3C 6	20	2935670000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A	50 1991890000
ATPG 6 M/R	0.2 A	50 1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

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

S4C 6 PE

6 mm²

SNAP IN



8.1 x 102 x 45.5
/ 6
0.5...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
1000			
8			
		720 A (6 mm ²)	
		3	
		A5 / V-0	

CE

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.
S4C 6 PE	50	2935650000

Type	Qty.	Order No.
SEP 4C 6	20	2935680000
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
DEKA 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



Spring connection with SNAP IN technology (S-Series)

PE terminal blocks

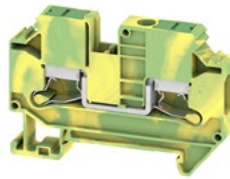
Universal range

A

SL2C 6 PE

6 mm²

SNAP IN



SL3C 6 PE

6 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.2 x 62.8 x 42.2	
/ 10	
0.5...10	

8.2 x 76.7 x 57.6	
/ 10	
0.5...10	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
6		AWG 14...8	
1000			
8			
		720 A (6 mm ²)	
		3	
		A5 / V-0	
Rated connection			
0.5...10 / 1.5...10			
1.5...10 / 1.5...6			
12 / 1.0 x 5.5 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
6		AWG 14...8	
1000			
8			
		720 A (6 mm ²)	
		3	
		A5 / V-0	
Rated connection			
0.5...10 / 1.5...10			
1.5...10 / 1.5...6			
12 / 1.0 x 5.5 mm			

Note

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
SL2C 6 PE	50	303740000

Type	Qty.	Order No.
SL3C 6 PE	50	303743000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
SEP 4C 6	20	293568000
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 M/R	0.2 A 50	1991930000
PS 2.0 MC	20	031000000
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

Type	Qty.	Order No.
SEP 4C 6	20	293568000
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 M/R	0.2 A 50	1991930000
PS 2.0 MC	20	031000000
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

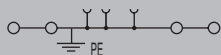
SL4C 6 PE

6 mm²

SNAP IN



8.2 x 90.6 x 57.6
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6		AWG 14...8	
1000			
8			
		720 A (6 mm ²)	
		3	
		A5 / V-0	

CE

Rated connection

0.5...10 / 1.5...10

1.5...10 / 1.5...6

12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL4C 6 PE	50	3037460000

Type	Qty.	Order No.
SEP 4C 6	20	2935680000
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
DEKA 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



Spring connection with SNAP IN technology (S-Series)

PE terminal blocks

Universal range

A

SL2C 10 PE

10 mm²

SNAP IN



SL3C 10 PE

10 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

10.2 x 72 x 48.8	
/ 16	
1.5...16	

10.2 x 89.1 x 68.5	
/ 16	
1.5...16	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
10		AWG 12...6	
1000			
8			
		1200 A (10 mm ²)	
		3	
		A6 / V-0	
Rated connection			
1.5...16 / 2.5...16			
2.5...16 / 2.5...10			
18 / 1.0 x 5.5 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
10		AWG 12...6	
1000			
8			
		1200 A (10 mm ²)	
		3	
		A6 / V-0	
Rated connection			
1.5...16 / 2.5...16			
2.5...16 / 2.5...10			
18 / 1.0 x 5.5 mm			

Note

Ordering data

Version	
	Green/yellow
Note	

Type	Qty.	Order No.
SL2C 10 PE	50	3037520000

Type	Qty.	Order No.
SL3C 10 PE	50	3037550000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
SLEP 2C 6	50	3037590000
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

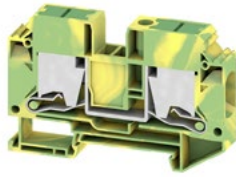
Type	Qty.	Order No.
SLEP 2C 6	50	3037590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

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

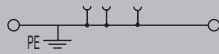
SL2C 16 PE

16 mm²

SNAP IN



12.2 x 77.2 x 49.8
/ 25
2.5...25



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16		AWG 10...4	
1000			
9.8			
1920 A (16 mm ²)			
3			
A7 / V-0			

CE cULus

Rated connection

2.5...25 / 4...25

4...25 / 2.5...16

20 / 1.0 x 5.5 mm

Type	Qty.	Order No.
SL2C 16 PE	50	3037580000

Type	Qty.	Order No.
SLEP 2C 6	50	3037590000
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

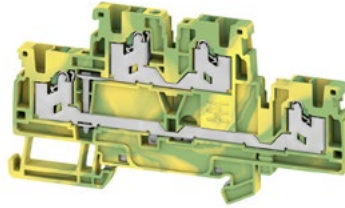


Spring connection with SNAP IN technology (S-Series)
PE terminal blocks

S2T 2.5 PE

2.5 mm²

SNAP IN



S2T 2.5 6C PE

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 95 x 52	
/ 2.5	
0.34...2.5	

5.1 x 102.5 x 64.5	
/ 2.5	
0.34...2.5	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 22...12	2.5 mm ²
800			
6			
	300 A (2.5 mm ²)		
	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	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	Green/yellow

Note

Type	Qty.	Order No.
S2T 2.5 PE	50	2902460000

Type	Qty.	Order No.
S2T 2.5 6C PE	50	3093250000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
SEP 2T 2.5	20	2913480000
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 M-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
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
SEP 2T 2.5 6C	20	3093280000
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 M-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
SNAPMARK I	50	1805880000

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

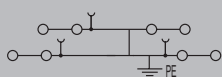
S2T 2.5 8C PE

2.5 mm²

SNAP IN



5.1 x 127.5 x 64.5
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

CE

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

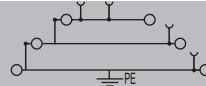
S3T 2.5 PE

2.5 mm²

SNAP IN



5.1 x 116 x 64.5
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
800			
8			
	300 A (2.5 mm ²)		
	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.
S2T 2.5 8C PE	50	3093160000

Type	Qty.	Order No.
S3T 2.5 PE	50	2902590000

Type	Qty.	Order No.
SEP 2T 2.5 8C	20	3093260000
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
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
SEP 3T 2.5	20	2902630000
SEP 3T 2.5 BL	20	2902640000
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
SNAPMARK I	50	1805880000



Spring connection with SNAP IN technology (S-Series)

Fuse terminals blocks

SFS 4 2C BK

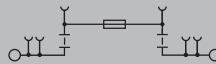
4 mm²

SNAP IN 



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 67.7 x 79.1
6.3 / 4
0.75...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

IEC 60947-7-3

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



Rated connection

0.75...4 / 0.75...4
0.75...4 / 0.75...4
12 / 0.6 x 3.5 mm

Note

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	
100 - 250 V AC/DC, with LED	

Note

Type	Qty.	Order No.
SFS 4 2C BK	50	2941480000
SFS 4 2C 10-36V BK	50	2941490000
SFS 4 2C 30-70V BK	50	2941500000
SFS 4 2C 60-150V BK	50	2941510000
SFS 4 2C 100-250V BK	50	2941520000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 3C 4		
	20	2874800000
PS 2.0 MC		
	20	0310000000
A3C 4		
	32 A 50	2051240000
A3C 4 PE		
	50	2051410000
SDIL 0,6X3,5X100		
	1	2749140000
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
0.50 A fast
1.00 A fast
2.00 A fast

Type	Qty.	Order No.
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

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

SDT 2.5 2C

2.5 mm²

SNAP IN



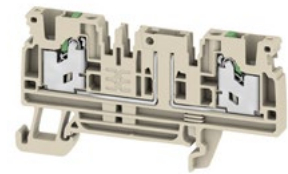
5.1 x 71 x 37.65
20 / 2.5
0.34...2.5



SDT 2.5 2C w/o DTLV

2.5 mm²

SNAP IN



5.1 x 77.5 x 36.5
20 / 2.5
0.34...2.5



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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
500	300		
20	20		
2.5			
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...2.5			
2.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

DIN EN 60947-1

IEC	UL	CSA	EN 60079-7
500	300		
20	20		
2.5			
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
SDT 2.5 2C	50	3016670000
SDT 2.5 2C BL	50	2974130000
SDT 2.5 2C OR	50	2974120000
Note		

Type	Qty.	Order No.
SDT 2.5 2C W/O DTLV	50	3016710000
SDT 2.5 2C W/O DTLV BL	50	2983270000
SDT 2.5 2C W/O DTLV OR	50	2983260000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
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/10	24 A 20	1527690000
SEP 3C 2.5		
	20	2751090000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ATPG 1.5-10 L		
	0.2 A 50	1991890000
ATPG 2.5 MHR		
	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
DTLE 2.5/4		
	25	2910530000
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
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 3C 2.5		
	20	2751090000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
ATPG 1.5-10 L		
	0.2 A 50	1991890000
ATPG 2.5 MHR		
	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
DTLE 2.5/4		
	25	2910530000
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
Note		



Spring connection with SNAP IN technology (S-Series)

Test-disconnect terminal blocks

SDT 2.5 3C

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 84.5 x 37.65	
20 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Accessories

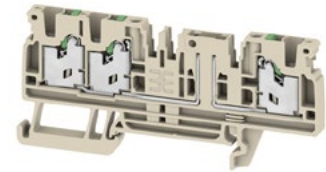
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	

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

SDT 2.5 3C w/o DTLV

2.5 mm²

SNAP IN



5.1 x 84.5 x 36.5	
20 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Type	Qty.	Order No.
SDT 2.5 3C W/O DTLV	50	3016730000
SDT 2.5 3C W/O DTLV BL	50	2983290000
SDT 2.5 3C W/O DTLV OR	50	2983280000

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 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	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
DTLE 2.5/4	25	2910530000
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

SDT 2.5 4C

2.5 mm²

SNAP IN



5.1 x 96 x 37.65
20 / 2.5
0.34...2.5



DIN EN 60947-7-1

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



Rated connection

0.34...2.5 / 0.5...2.5

0.34...2.5 / 0.34...2.5

10 / 0.6 x 3.5 mm

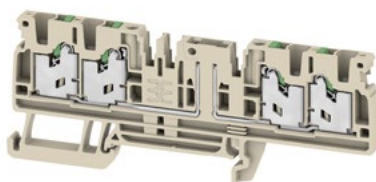
Type	Qty.	Order No.
SDT 2.5 4C	50	3016700000
SDT 2.5 4C BL	50	2974170000
SDT 2.5 4C OR	50	2974160000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP DT 2.5 4C	50	2929670000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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

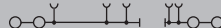
SDT 2.5 4C w/o DTLV

2.5 mm²

SNAP IN



5.1 x 96 x 36.5
20 / 2.5
0.34...2.5



DIN EN 60947-7-1

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



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.34...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SDT 2.5 4C W/O DTLV	50	3016740000
SDT 2.5 4C W/O DTLV BL	50	2983740000
SDT 2.5 4C W/O DTLV OR	50	2983730000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP DT 2.5 4C	50	2929670000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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



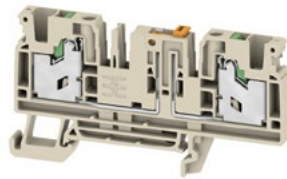
Spring connection with SNAP IN technology (S-Series)

Test-disconnect terminal blocks

SDT 4 2C

4 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 74 x 41	
20 / 4	
0.75...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300		
20	25		
4			
4 kV / 3			
A4 / V-0			
CE Approvals			
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Type	Qty.	Order No.
SDT 4 2C	50	2941420000
SDT 4 2C BL	50	2941430000
SDT 4 2C OR	50	2941440000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	

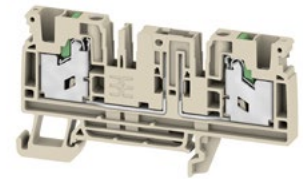
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 3C 4	20	2874800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
WS 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
Note		

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

SDT 4 2C w/o DTLV

4 mm²

SNAP IN



6.1 x 74 x 41	
20 / 4	
0.75...4	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300		
20	25		
4			
4 kV / 3			
A4 / V-0			
CE Approvals			
Rated connection			
0.75...4 / 0.75...4			
0.75...4 / 0.75...4			
12 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
SDT 4 2C W/O DTLV	50	2941450000
SDT 4 2C W/O DTLV BL	50	2941460000
SDT 4 2C W/O DTLV OR	50	2941470000
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
SEP 3C 4	20	2874800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4	25	2910530000
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
Note		

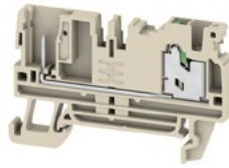
SPGTB 2.5 FT 2C/1

2.5 mm²

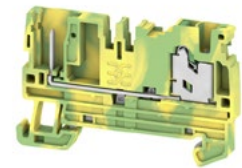
SPGTB 2.5 PE 2C/1

2.5 mm²

SNAP IN



SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 58.5 x 38	
24 / 2.5	
0.34...2.5	

5.1 x 58.5 x 38	
/ 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

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

IEC 60947-7-2

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

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	Orange

Type	Qty.	Order No.
SPGTB 2.5 FT 2C/1	50	3051460000
SPGTB 2.5 FT 2C/1 BL	50	3051470000
SPGTB 2.5 FT 2C/1 OR	50	3051480000

Type	Qty.	Order No.
SPGTB 2.5 PE 2C/1	50	3051550000

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole

End plate	
	dark beige
	blue

End bracket	
	dark beige, screwable
	dark beige, direct mounting

Plug	
SPG 2.5/1	24 A 50 3030250000
SPG 2.5/10	24 A 10 3030100000
SPG 2.5 L	24 A 50 3030160000
SPG 2.5 MI	24 A 50 3030090000
SPG 2.5 R	24 A 50 3030190000

Screwdriver	
	Standard

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

Type	Qty.	Order No.
SEP 2C 2.5	20	2751080000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

Type	Qty.	Order No.
SDIL 0,6X3,5X100	1	2749140000

Type	Qty.	Order No.
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

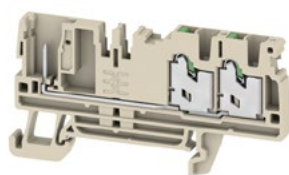
For detailed information on other accessories and application in the online catalogue



SPGTB 2.5 FT 3C/1

2.5 mm²

SNAP IN



SPGTB 2.5 PE 3C/1

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 71.5 x 38	
24 / 2.5	
0.34...2.5	

5.1 x 71.5 x 38	
/ 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A2 / V-0		

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
2.5			
	8 kV / 3		
	A2 / V-0		

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	Orange

Type	Qty.	Order No.
SPGTB 2.5 FT 3C/1	50	3051490000
SPGTB 2.5 FT 3C/1 BL	50	3051500000
SPGTB 2.5 FT 3C/1 OR	50	3051510000

Type	Qty.	Order No.
SPGTB 2.5 PE 3C/1	50	3051560000

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 3C 2.5	20	2751090000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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

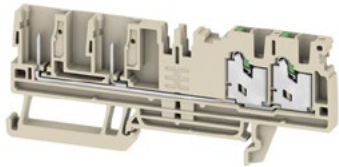
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 3C 2.5	20	2751090000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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

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

SPGTB 2.5 FT 4C/2

2.5 mm²

SNAP IN



5.1 x 71.5 x 38
24 / 2.5
0.34...2.5



IEC 60947-7-1

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

CE

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

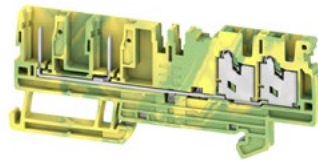
Type	Qty.	Order No.
SPGTB 2.5 FT 4C/2	50	3051520000
SPGTB 2.5 FT 4C/2 BL	50	3051530000
SPGTB 2.5 FT 4C/2 OR	50	3051540000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP PGTB 2.5 4C	20	3051580000
SEP PGTB 2.5 4C BL	20	3051590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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

SPGTB 2.5 PE 4C/2

2.5 mm²

SNAP IN



5.1 x 92 x 38
/ 2.5
0.34...2.5



IEC 60947-7-2

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

CE

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

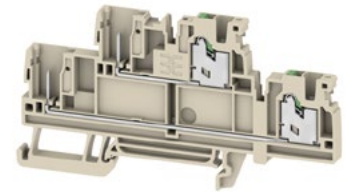
Type	Qty.	Order No.
SPGTB 2.5 PE 4C/2	50	3051570000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP PGTB 2.5 4C	20	3051580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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

SPGTB 2.5 2T 4C/2

2.5 mm²

SNAP IN



5.1 x 96 x 51.7
22 / 2.5
0.34...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
22			
2.5			
	8 kV / 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.
SPGTB 2.5 2T 4C/2	50	3051860000
SPGTB 2.5 2T 4C/2 BL	50	3051870000
SPGTB 2.5 2T 4C/2 OR	50	3051880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5	20	2913480000
SEP 2T 2.5 BL	20	2913490000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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

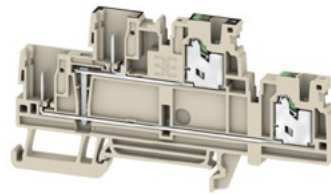


Spring connection with SNAP IN technology (S-Series)
Pluggable terminal blocks

SPGTB 2.5 2T VL 4C/2

2.5 mm²

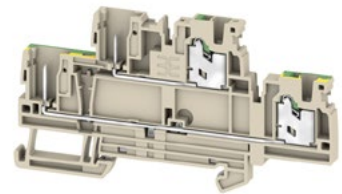
SNAP IN



SPGTB 2.5 2T FT-PE 4C/2

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 96 x 51.7	
22 / 2.5	
0.34...2.5	

5.1 x 96 x 51.7	
24 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
22			
2.5			
		8 kV / 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			
Note			

IEC 60947-7-2, IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
		8 kV / 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			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	Orange
Note	

Type	Qty.	Order No.
SPGTB 2.5 2T VL 4C/2	50	3051890000
SPGTB 2.5 2T VL 4C/2 BL	50	3051900000
Note		

Type	Qty.	Order No.
SPGTB 2.5 2T FT-PE 4C/2	50	3051910000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5		
SEP 2T 2.5	20	2913480000
SEP 2T 2.5 BL	20	2913490000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1		
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
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
Note		

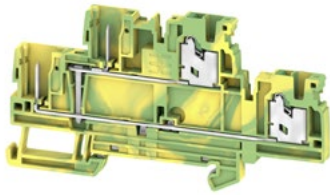
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5		
SEP 2T 2.5	20	2913480000
SEP 2T 2.5 BL	20	2913490000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1		
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
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
Note		

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

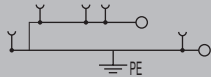
SPGTB 2.5 2T PE 4C/2

2.5 mm²

SNAP IN



5.1 x 96 x 51.7
/ 2.5
0.34...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	/ 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

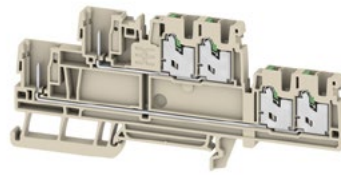
Type	Qty.	Order No.
SPGTB 2.5 2T PE 4C/2	50	3051920000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP 2T 2.5	20	2913480000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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

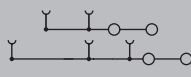
SPGTB 2.5 2T 6C/2

2.5 mm²

SNAP IN



5.1 x 115 x 52
24 / 2.5
0.34...2.5



IEC 60947-7-1

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

CE

Rated connection

0.34...2.5 / 0.34...2.5
0.34...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

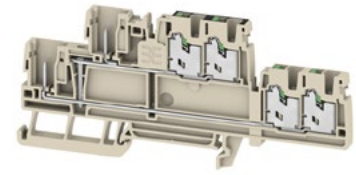
Type	Qty.	Order No.
SPGTB 2.5 2T 6C/2	50	3096130000
SPGTB 2.5 2T 6C/2 BL	50	3096150000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP PGTB 2T 2.5 6C	20	3096200000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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

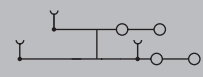
SPGTB 2.5 2T 6C/2 VL

2.5 mm²

SNAP IN



5.1 x 115 x 52
24 / 2.5
0.34...2.5



IEC 60947-7-1

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

CE

Rated connection

0.34...2.5 / 0.34...2.5
0.34...2.5 / 0.34...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
SPGTB 2.5 2T VL 6C/2	50	3096160000
SPGTB 2.5 2T VL 6C/2 BL	50	3096170000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP PGTB 2T 2.5 6C	20	3096200000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SPG 2.5/1	24 A 50	3030250000
SPG 2.5/10	24 A 10	3030100000
SPG 2.5 L	24 A 50	3030160000
SPG 2.5 MI	24 A 50	3030090000
SPG 2.5 R	24 A 50	3030190000
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



Spring connection with SNAP IN technology (S-Series)
Pluggable terminal blocks

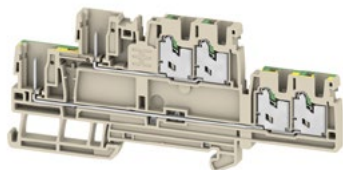
Universal range

A



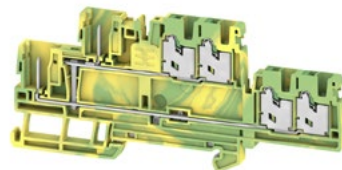
SPGTB 2.5 2T 6C/2 FT-PE **2.5 mm²**

SNAP IN



SPGTB 2.5 2T 6C/2 PE **2.5 mm²**

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 115 x 52	
24 / 2.5	
0.34...2.5	

5.1 x 115 x 52	
24 / 2.5	
0.34...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
		8 kV / 3	
		A2 / V-0	
CE			
Rated connection			
0.34...2.5 / 0.34...2.5			
0.34...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
		8 kV / 3	
		A2 / V-0	
CE			
Rated connection			
0.34...2.5 / 0.34...2.5			
0.34...2.5 / 0.34...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	Orange
Note	

Type	Qty.	Order No.
SPGTB 2.5 2T FT-PE 6C/2	50	3096180000
Note		

Type	Qty.	Order No.
SPGTB 2.5 2T PE 6C/2	50	3096190000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP PGTB 2T 2.5 6C		
	20	3096200000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 V0		
	20	2661280000
SPG 2.5/1		
	24 A 50	3030250000
SPG 2.5/10		
	24 A 10	3030100000
SPG 2.5 L		
	24 A 50	3030160000
SPG 2.5 MI		
	24 A 50	3030090000
SPG 2.5 R		
	24 A 50	3030190000
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

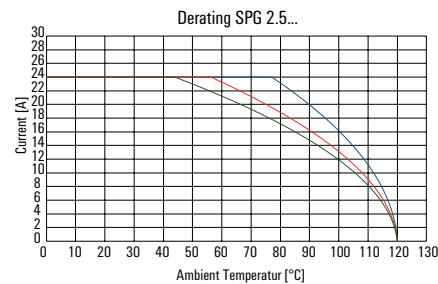
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
SEP PGTB 2T 2.5 6C		
	20	3096200000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 V0		
	20	2661280000
SPG 2.5/1		
	24 A 50	3030250000
SPG 2.5/10		
	24 A 10	3030100000
SPG 2.5 L		
	24 A 50	3030160000
SPG 2.5 MI		
	24 A 50	3030090000
SPG 2.5 R		
	24 A 50	3030190000
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

SPG 2.5...

2.5 mm²

SNAP IN



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 16.5 x 42.5
24 / 2.5
0.34...2.5

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

In accordance with IEC 60947-7-1

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

Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Rated connection	Plug-in connection
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.34...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
4-poles/3x beige, 1x green	
3-poles/1x beige, 1x blue, 1x green	
5-poles/3x beige, 1x blue, 1x green	

Type	Qty.	Order No.
SPG 2.5/1	50	3030250000
SPG 2.5/2	40	3030170000
SPG 2.5/3	25	3030200000
SPG 2.5/4	20	3030150000
SPG 2.5/5	20	3030130000
SPG 2.5/6	20	3030140000
SPG 2.5/7	20	3030110000
SPG 2.5/8	10	3030120000
SPG 2.5/9	10	3030180000
SPG 2.5/10	10	3030100000
SPG 2.5/4-3BG-GN	20	3030230000
SPG 2.5/3-BG-BL-GN	30	3030270000
SPG 2.5/5-3BG-BL-GN	20	3030280000

Note

Accessories

End plate	dark beige
Coding	
Cover	
Interlock	
Strain relief	
Marking tags	

Type	Qty.	Order No.
MCV APG 2.5	50	2035590000
APGCE	50	1514490000
APGPC 2.5	50	1514500000
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
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M MC NE WS	720	1792000000

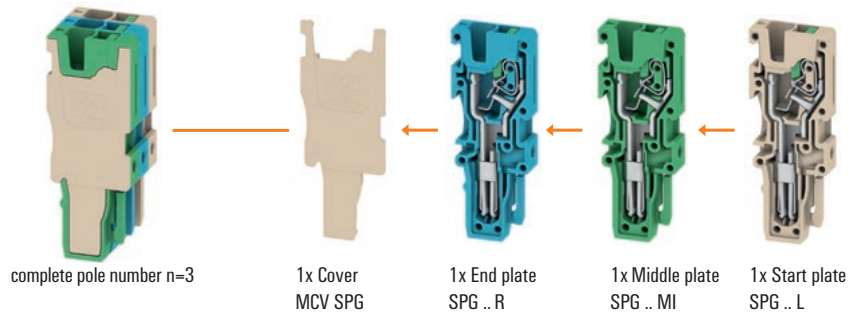
For detailed information on other accessories and application in the online catalogue



Spring connection with SNAP IN technology (S-Series)
Pluggable terminal blocks – Accessories

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).



A

Plug

SPG 2.5



Ordering data
Single plates
Start plate
Middle plate
End plate
(9) Cover
Note

Type	Qty.	Order No.
SPG 2.5 L	50	3030160000
SPG 2.5 L BL	50	3030290000
SPG 2.5 L GN	50	3030240000
SPG 2.5 MI	50	3030090000
SPG 2.5 MI BL	50	3030260000
SPG 2.5 MI GN	50	3030220000
SPG 2.5 R	50	3030190000
SPG 2.5 R BL	50	3030300000
SPG 2.5 R GN	50	3030210000
MCV SPG 2.5	50	3032900000

Strain relief

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

APGSR

Strain reliefs



Ordering data
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
Note

Type	Qty.	Order No.
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000

Application





Protective cover

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

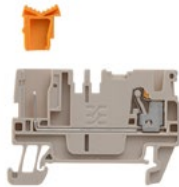
Ordering data

2.5 mm²

Note

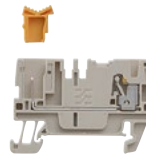
APGPC

Protective cover



Type	Qty.	Order No.
APGPC 2.5	50	1514500000

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

2.5 mm² / 4 mm²

Note

APGLE

Locking element



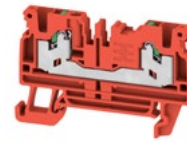
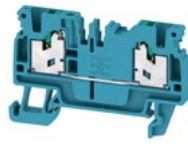
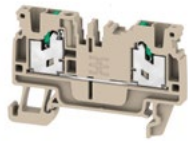
Type	Qty.	Order No.
APGLE 2.5/4	25	2457570000

Application



Spring connection with SNAP IN technology (S-Series)

Overview



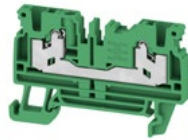
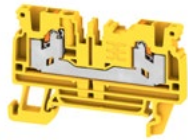
Type	
2,5 mm ²	S2C 2.5
	S3C 2.5
	S4C 2.5
4 mm ²	S2C 4
	S3C 4
	S4C 4

Order no. beige
2674530000
2674540000
2674550000
2874820000
2874840000
2874860000

Order no. blue BL
2753940000
2753950000
2753960000
2874830000
2874850000
2874870000

Order no. orange OR
2875120000
2875130000
2875140000
3023540000
3023550000
3023560000

Order no. red RD
3109200000
3109280000
3109360000
3109440000
3109520000
3109600000



Type	
2,5 mm ²	S2C 2.5
	S3C 2.5
	S4C 2.5
4 mm ²	S2C 4
	S3C 4
	S4C 4

Order no. yellow YL
3109230000
3109310000
3109390000
3109470000
3109550000
3109630000

Order no. green GN
3109180000
3109260000
3109340000
3109420000
3109500000
3109580000

Order no. white WT
3109220000
3109300000
3109380000
3109460000
3109540000
3109620000

Order no. black BK
3109160000
3109240000
3109320000
3109400000
3109480000
3109560000



Typ	
2,5 mm ²	S2C 2.5
	S3C 2.5
	S4C 2.5
4 mm ²	S2C 4
	S3C 4
	S4C 4

Best.-Nr. licht grau LTGY
3112230000
3112240000
3112250000
3112280000
3112260000
3112270000

Best.-Nr. braun BR
3109170000
3109250000
3109330000
3109410000
3109490000
3109570000

Best.-Nr. violett VT
3109210000
3109290000
3109370000
3109450000
3109530000
3109610000



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.

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.



Flexibility

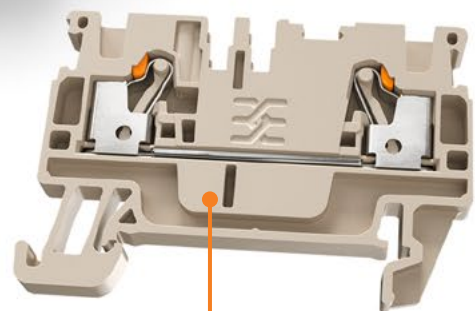
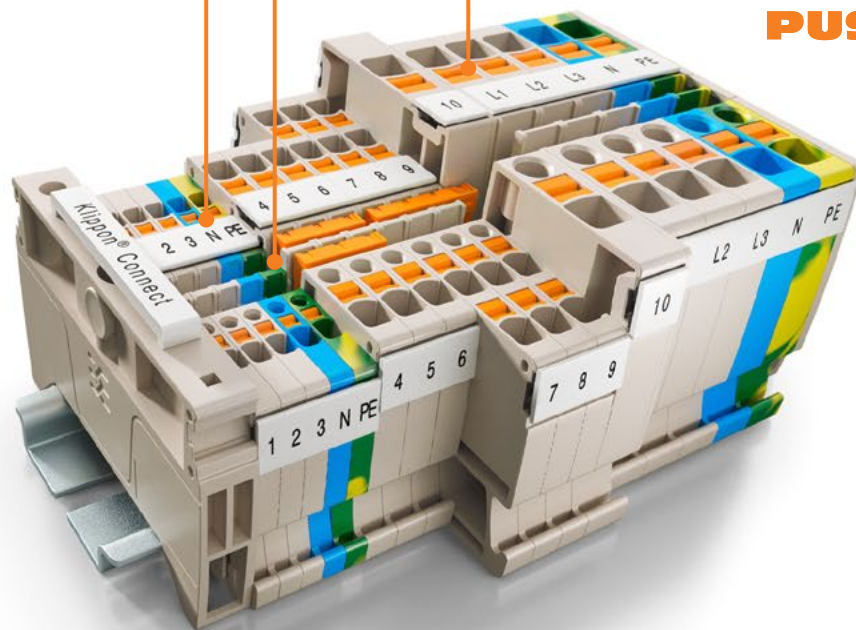
- Release the conductor with any tool
- Large marking surfaces make maintenance work easier
- Clip-in foot compensates for differences in terminal rail dimensions

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



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

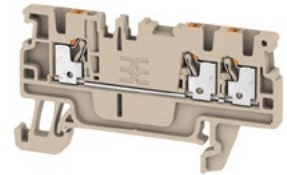
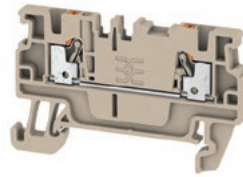
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

A2C 1.5

1.5 mm²

A3C 1.5

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5	
17.5 / 1.5	
0.14...1.5	

3.5 x 61.5 x 33.5	
17.5 / 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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

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

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 1.5	100	1552790000
A2C 1.5 BL	100	1552820000

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

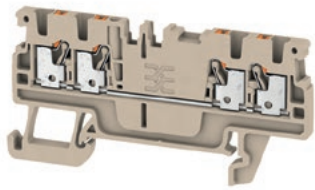
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5		
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60		
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS		
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS		
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		
AEP 3C 1.5	50	1552620000
AEP 3C 1.5 BL	50	1552630000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60		
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS		
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS		
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 mm ²

6 kV / 3

A1 / V-0

TÜEV16ATEX7909U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

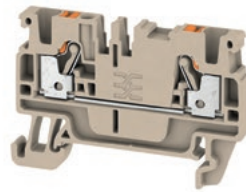
8 / 0.4 x 2.0 mm

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 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 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 mm ²

8 kV / 3

A3 / V-0

TÜEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

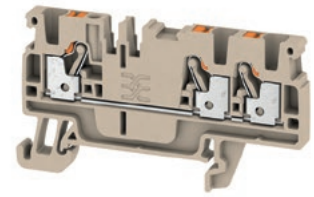
10 / 0.6 x 3.5 mm

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 VO	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



5.1 x 66.5 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 mm ²

8 kV / 3

A3 / V-0

TÜEV16ATEX7909U

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.
A3C 2.5	100	1521740000
A3C 2.5 BL	100	1521780000

Type	Qty.	Order No.
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 VO	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

Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

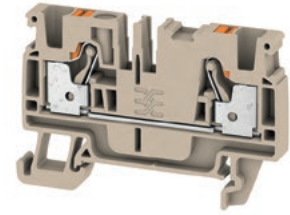
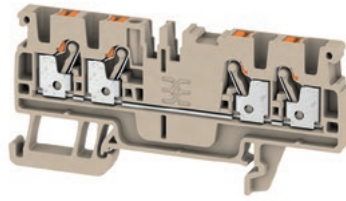
A

A4C 2.5

2.5 mm²

A2C 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-1				Ex eb II		II 2 G D
C Gb						
IEC	UL	CSA	EN 60079-7			
800	600	600	550			
24	20	20	21			
2.5	AWG 28...12	AWG 28...12	2.5 mm ²			
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						

IEC 60947-1				Ex eb II		II 2 G D
C Gb						
IEC	UL	CSA	EN 60079-7			
800	600	600	550			
32	30	30	28			
4	AWG 26...10	AWG 26...10	4 mm ²			
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						

Ordering data

Version	
	dark beige
	Blue
Note	

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

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

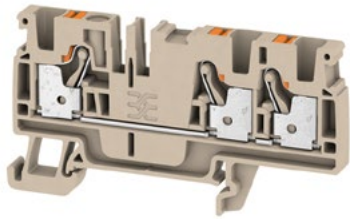
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5		
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
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 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 4		
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS		
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

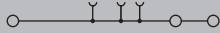
For detailed information on other accessories and application in the online catalogue

A3C 4

4 mm²



6.1 x 74 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	29
4	AWG 26...10	AWG 26...10	4 mm ²

8 kV / 3

A4 / V-0

TUEV16ATEX7909U

Rated connection

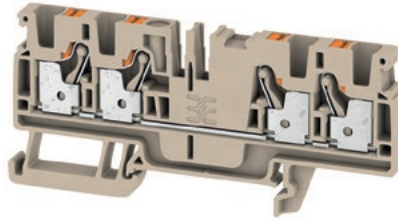
0.5...4 / 0.5...6

0.5...6 / 0.5...4

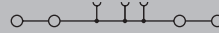
12 / 0.6 x 3.5 mm

A4C 4

4 mm²



6.1 x 87.5 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	30
4	AWG 26...10	AWG 26...10	4 mm ²

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.
A3C 4	50	2051240000
A3C 4 BL	50	2051280000

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 3C 4	20	2051720000
AEP 3C 4 BL	20	2051880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	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
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 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 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	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
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000



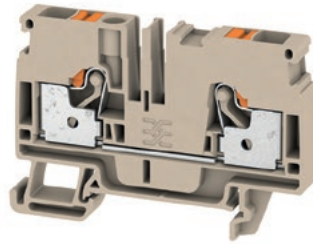
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

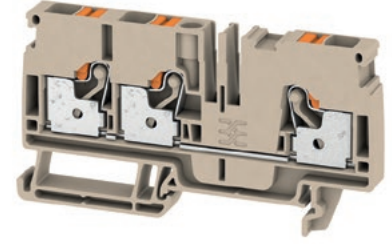
A2C 6

6 mm²



A3C 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 66.5 x 45.5
41 / 10
0.34...10

8.1 x 84.5 x 45.5
41 / 10
0.34...10

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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	37
6	AWG 22...8	AWG 22...8	6 mm ²

8 kV / 3
A5 / V-0

TUEV16ATEX7909U

Rated connection	
0.5...6 / 0.5...6	
0.5...10 / 0.5...6	
12 / 1.0 x 5.5 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	36
6	AWG 22...8	AWG 22...8	6 mm ²

8 kV / 3
A5 / V-0

TUEV16ATEX7909U

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

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 6	50	1992110000
A2C 6 BL	50	1991790000

Type	Qty.	Order No.
A3C 6	50	1991820000
A3C 6 BL	50	1991830000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

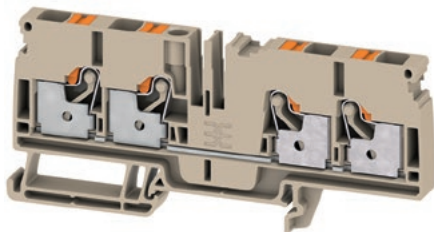
Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
ZQV 6N/3	41 A 60	1985760000
ZQV 6N/4	41 A 60	1985780000
AEP 2C 6	50	1991970000
AEP 2C 6 BL	50	1991950000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MHR	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 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

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 3C 6	50	1991940000
AEP 3C 6 BL	20	1991910000
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 MHR	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

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	600		550
41	38		37
6	AWG 22...8		6 mm ²

8 kV / 3

A5 / V-0



TUEV16ATEX7909U

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	50	2876180000
AEP 4C 6 BL	50	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
DEKA 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



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

ALO 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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 mm ²
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			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ALO 6	20	1991780000
ALO 6 BL	20	2065120000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
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

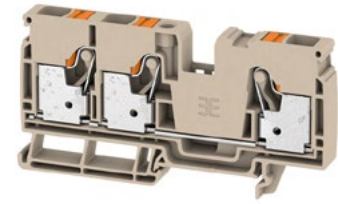
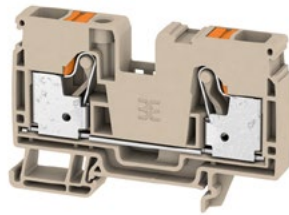
For detailed information on other accessories and application in the online catalogue

A2C 10

10 mm²

A3C 10

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

10 x 80.5 x 51.5
57 / 16
0.5...16

10 x 102 x 51.5
57 / 16
0.5...16

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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

IEC	UL	CSA	EN 60079-7
1000	600	600	
57	55	55	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...16			
0.5...16 / 0.5...10			
18 / 1.0 x 5.5 mm			

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

IEC	UL	CSA	EN 60079-7
1000	600	600	
57	55	55	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...16			
0.5...16 / 0.5...10			
18 / 1.0 x 5.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 10	25	2490360000
A2C 10 BL	25	2490370000

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

Accessories

Plug-in cross-connection	2-pole
End plate	dark beige blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP 2C 10/16	20	2490380000
AEP 2C 10/16 BL	20	2490390000
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

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



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

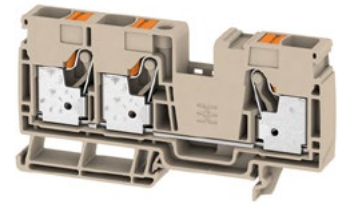
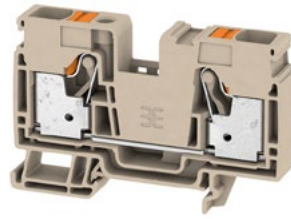
A

A2C 16

16 mm²

A3C 16

16 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12 x 80.5 x 51.5
76 / 25
0.5...25

12 x 102 x 51.5
76 / 25
0.5...25

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	62	62	64
16	AWG 18...6	AWG 18...6	16 mm ²
8 kV / 3			
A6 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...16 / 10...25			
0.5...25 / 0.5...16			
18 / 1.0 x 5.5 mm			
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	62	62	64
16	AWG 18...6	AWG 18...6	16 mm ²
8 kV / 3			
A6 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...16 / 10...25			
0.5...25 / 0.5...16			
18 / 1.0 x 5.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 16	20	2494000000
A2C 16 BL	20	2494100000
Note		

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

Accessories

Plug-in cross-connection	2-pole
End plate	dark beige blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole
Test plug	
Screwdriver	Standard
Marking tags	

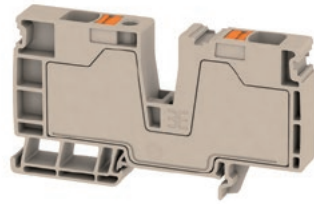
Type	Qty.	Order No.
ZQV 16N/2	76 A 25	2497290000
AEP 2C 10/16	20	2490380000
AEP 2C 10/16 BL	20	2490390000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

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

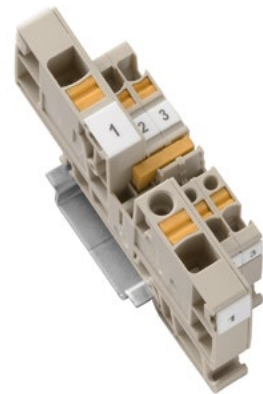
For detailed information on other accessories and application in the online catalogue

ALO 16

16 mm²



12 x 95.5 x 51.5
76 / 16
0.5...16



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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

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 mm ²

8 kV / 3

A6 / V-0

® CC CE S c RU us KEUR EX UK PA TUEV16ATEX7909U

Rated connection

0.5...10 / 0.5...25
0.5...25 / 1.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ALO 16	20	2502280000
ALO 16 BL	20	2502320000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ZQV 6N/2	41 A 60	1985740000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
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PS 2.0 MC	20	0310000000
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SDIL 1,0X5,5X125	1	2749160000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
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DEK 5/8 PLUS MC NE WS	800	1046350000
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WS 10/8 PLUS MC NE WS	420	1905950000
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For detailed information on other accessories and application in the online catalogue



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

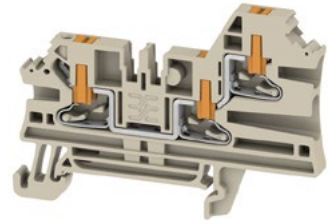
AL2C 2.5

2.5 mm²



AL3C 2.5

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

5.1 x 68 x 48	
24 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			
TUEV22ATEX8826U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			
TUEV22ATEX8826U			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
AL2C 2.5	100	2847200000
AL2C 2.5 BL	100	2847210000

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

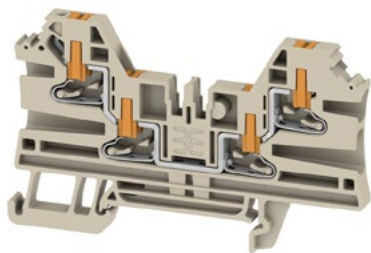
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2C 2.5		
ALEP 2C 2.5	20	2871750000
ALEP 2C 2.5 BL	20	2871760000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR		
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3		
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5		
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS		
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
ALEP 3C 2.5		
ALEP 3C 2.5	20	2871770000
ALEP 3C 2.5 BL	20	2871780000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR		
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3		
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5		
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS		
WS 10/5 M PLUS MC NE WS	600	2003770000

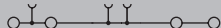
For detailed information on other accessories and application in the online catalogue

AL4C 2.5

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	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0



TUEV22ATEX8826U

Rated connection

0.5...4 / 0.5...2.5

0.5...4 / 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 VO	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
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SDIL 0,6X3,5X100	1	2749140000
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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



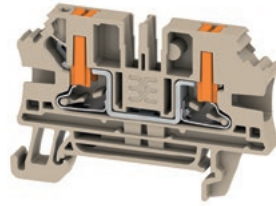
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

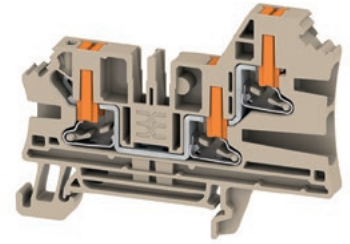
AL2C 4

4 mm²



AL3C 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

6.1 x 71.5 x 52.5	
32 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000		600	550
32		30	28
4	AWG 24...10	AWG 24...10	6 mm ²
8 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000		600	550
32		30	28
4	AWG 24...10	AWG 24...10	6 mm ²
8 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...4			
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
Note		

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

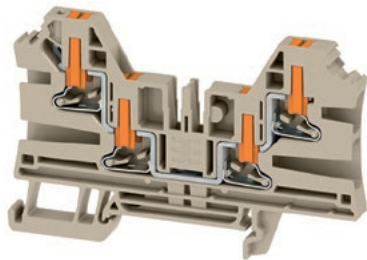
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP 2C 4	20	2871810000
ALEP 2C 4 BL	20	2871820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP 3C 4	20	2871830000
ALEP 3C 4 BL	20	2871840000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	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
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000
Note		

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

AL4C 4

4 mm²



6.1 x 83 x 52.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000		600	550
32		30	28
4	AWG 24...10	AWG 24...10	6 mm ²
8 kV / 3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...4

0.5...6 / 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	20	2871850000
ALEP 4C 4 BL	20	2871860000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

A2C 35

35 mm²




A2C 35 DM

35 mm²




Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 101.5 x 71.5
125 / 35
2.5...35





16 x 135 x 71.5
125 / 35
2.5...35



Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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 mm ²
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			

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 mm ²
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	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 35	10	2551510000
A2C 35 BL	10	2552090000

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
Cross connections insertable	
	2-pole
	3-pole

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 VO	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

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

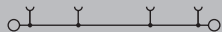
For detailed information on other accessories and application in the online catalogue

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	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²

8 kV / 3
/ V-0



TUEV16ATEX7909U

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.

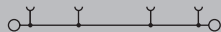
Type	Qty.	Order No.
A2C 50/70	5	2663250000
A2C 50/70 BL	5	2663260000

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	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²

8 kV / 3
/ V-0



TUEV16ATEX7909U

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.

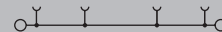
Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

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	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm ²

8 kV / 3
/ V-0



TUEV16ATEX7909U

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 50/70N/2	150 A	10 2663400000

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

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

Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

Universal range

A

A2C 95/120 DM

95 mm²

A2C 150/185

150 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

25 x 133.5 x 90
232 / 120
25...120

31 x 118 x 98
309 / 185
50...185

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm ²
8 kV / 3			
/ V-0			
		TUEV16ATEX7909U	
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.			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600	600	1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			
		TUEV16ATEX7909U	
Rated connection			
50...150 / 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.			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 95/120-DM	5	2694150000
A2C 95/120 BL-DM	5	2694160000

Type	Qty.	Order No.
A2C 150/185	5	2728700000
A2C 150/185 BL	5	2728710000

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
Cross connections insertable	
	2-pole
	3-pole

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 95/120N/2	192 A	10 2694250000
ZQV 95/120N/3	192 A	10 2694260000

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 150/185N/2	232 A	5 2728840000
ZQV 150/185N/3	232 A	5 2728850000

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

A2C 150/185 DM

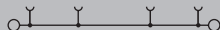
150 mm²



31 x 151 x 98

309 / 185

50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²

8 kV / 3

B13 / V-0



TUEV16ATEX7909U

Rated connection

50...150 / 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	5	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



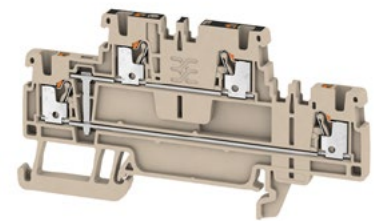
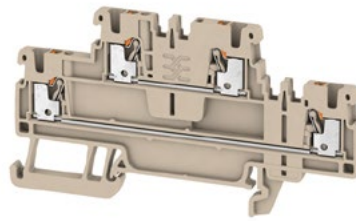
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

A2T 1.5

1.5 mm²

A2T 1.5 VL

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1				Ex eb II C Gb			
IEC	UL	CSA	EN 60079-7				
500 / 500	300	300	440				
16	13	13	13.5				
1.5	AWG 26...14	AWG 26...14	1.5 mm ²				
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							

IEC 60947-7-1				Ex eb II C Gb			
IEC	UL	CSA	EN 60079-7				
500 / 500	300	300	440				
17.5	13	13	13.5				
1.5	AWG 26...14	AWG 26...14	1.5 mm ²				
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							

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 1.5	50	2469370000
A2T 1.5 BL	50	2471430000

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

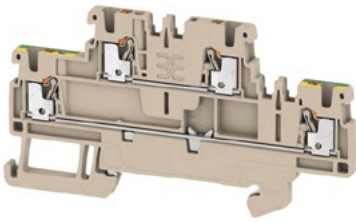
Type	Qty.	Order No.	
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5	20	2469420000	
AEP 2T 1.5 BL	20	2471470000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MHR	0.2 A	50	1991880000
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60	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	

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 MHR	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	

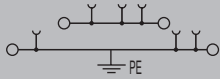
For detailed information on other accessories and application in the online catalogue

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 / 500	300	300	440
16	13	13	13.5
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

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 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	
SNAPMARK 1.5	40	2682080000	



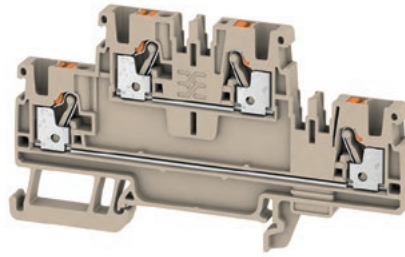
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

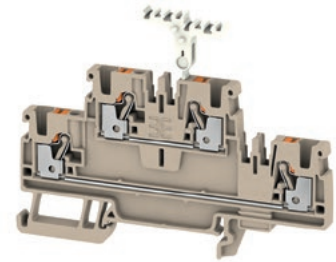
A2T 2.5

2.5 mm²



A2T 2.5 SNAPMARK

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

5.1 x 90 x 69	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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 mm ²
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			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
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			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 2.5	50	1547610000
A2T 2.5 BL	50	1547620000

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

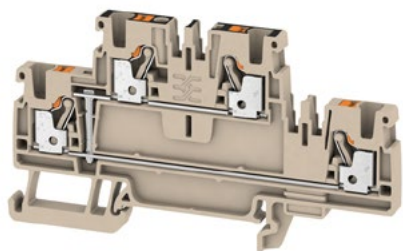
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5		
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
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		
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	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		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
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	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

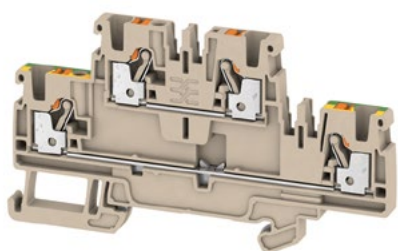
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

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	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

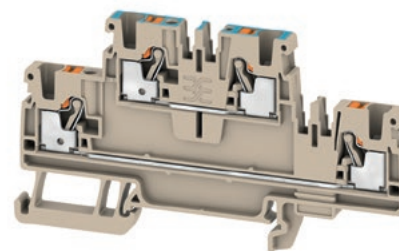
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

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			550
24			20
2.5			2.5 mm ²

8 kV / 3

/ 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.
A2T 2.5 FT-PE	50	1547640000

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 VO	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

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 VO	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

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 VO	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



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

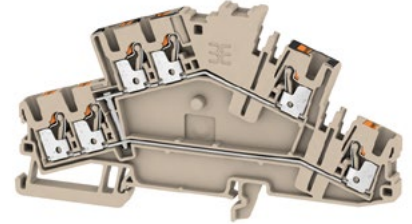
A

A2T 2.5 3C

2.5 mm²

A2T 2.5 3C VL

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300		550
22	20		20
2.5	AWG 28...12		2.5 mm ²
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			

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	300		550
22	20		20
2.5	AWG 28...12		2.5 mm ²
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			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 2.5 3C	50	2531290000
A2T 2.5 3C BL	50	2531510000

Type	Qty.	Order No.
A2T 2.5 3C VL	50	2531310000
A2T 2.5 3C VL BL	50	2531530000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

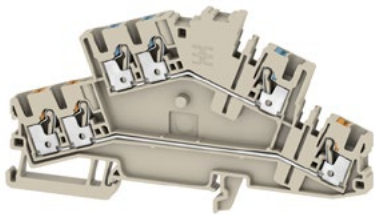
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 2T 2.5 3C	20	2532690000
AEP 2T 2.5 3C BL	20	2532700000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
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

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
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 MHR	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

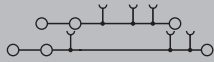
For detailed information on other accessories and application in the online catalogue

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			20
2.5			2.5 mm ²

8 kV / 3
/ V-0



TUEV16ATEX7909U

Rated connection

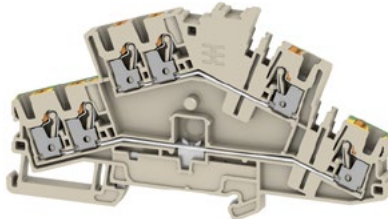
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

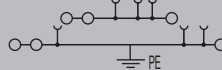
10 / 0.6 x 3.5 mm

A2T 2.5 3C FT-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	300		550
22	20		20
2.5	AWG 28...12		2.5 mm ²

8 kV / 3
A3 / V-0



Ex eb II
C Gb II 2 G D

TUEV16ATEX7909U

Rated connection

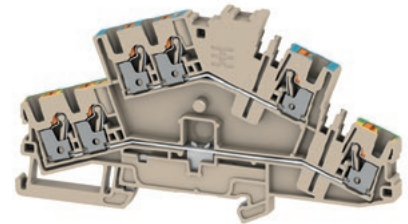
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

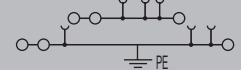
10 / 0.6 x 3.5 mm

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			20
2.5			2.5 mm ²

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-FT	50	2736830000

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

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

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

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

AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000

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

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

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

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

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

PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000

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

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

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



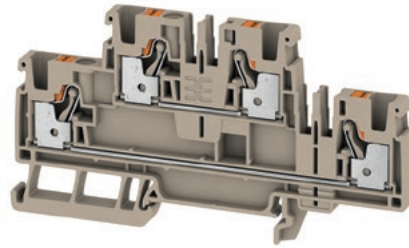
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

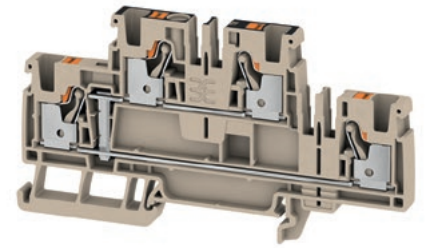
A2T 4

4 mm²



A2T 4 VL

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²
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			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²
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			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

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

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

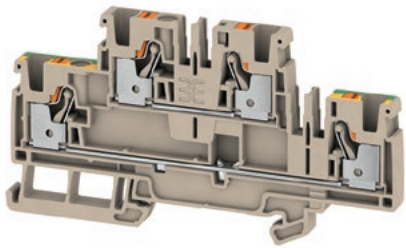
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
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
Note		

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 MHR	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
Note		

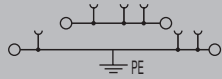
For detailed information on other accessories and application in the online catalogue

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 mm ²

8 kV / 3
A4 / V-0

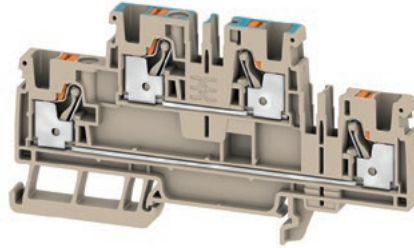
CE, UL, CSA, KEUR, UK, TÜV, EN, IEC, A4 / V-0, TÜEV16ATEX7909U

Rated connection

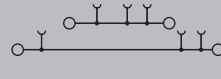
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

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	600		550
32	30		25
4	AWG 26...10		4 mm ²

8 kV / 3
A4 / V-0

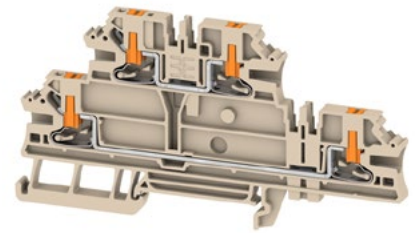
CE, UL, CSA, KEUR, UK, TÜV, EN, IEC, A4 / V-0, TÜEV16ATEX7909U

Rated connection

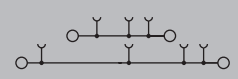
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

AL2T 2.5

2.5 mm²



5.1 x 108 x 56.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
24	20		19
2.5	AWG 26...12		4 mm ²

8 kV / 3
A3 / V-0

CE, UL, CSA, KEUR, UK, TÜV, EN, IEC, A3 / V-0, TÜEV22TEX8826U

Rated connection

0.5...2.5 / 0.14...4
4...4 / 0.5...4
10 / 0.6 x 3.5 mm

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

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

Type	Qty.	Order No.
AL2T 2.5	50	2847620000
AL2T 2.5 BL	50	2938210000

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 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	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

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 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	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

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 2.5	20	2848010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	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



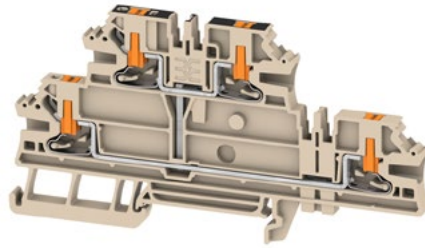
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

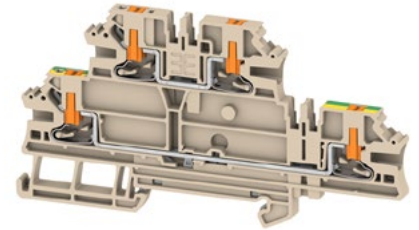
AL2T 2.5 VL

2.5 mm²



AL2T 2.5 FT-PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 108 x 56.5	
24 / 2.5	
0.14...2.5	

5.1 x 108 x 56.5	
24 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
24	20		20
2.5	AWG 26...12		4 mm ²
8 kV / 3			
A3 / V-0			
		TUEV22TEX8826U	
Rated connection			
0.5...2.5 / 0.14...4			
4...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
24	20		20
2.5	AWG 26...12		4 mm ²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.14...4			
4...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
AL2T 2.5 VL	50	2847630000

Type	Qty.	Order No.
AL2T 2.5 FT-PE	50	2847640000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

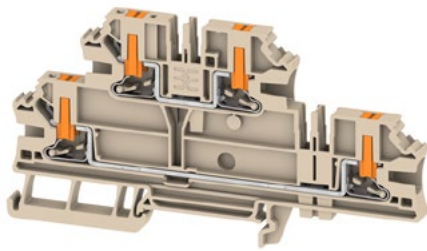
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 2.5		
ALEP 2T 2.5	20	2848010000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR		
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3		
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5		
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS		
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
ALEP 2T 2.5		
ALEP 2T 2.5	20	2848010000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR		
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3		
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5		
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS		
WS 10/5 M PLUS MC NE WS	600	2003770000

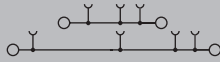
For detailed information on other accessories and application in the online catalogue

AL2T 4

4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
32	30		25.5
4			6 mm ²
8 kV / 3			
A4 / V-0			

CE TUEV22TEX8826U

Rated connection

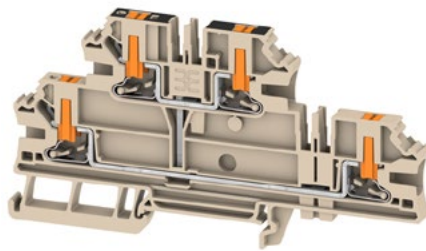
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4	50	2847780000

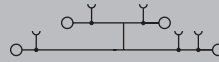
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 4	20	2848080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	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

AL2T 4 VL

4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		550
32	25		22.5
4			6 mm ²
8 kV / 3			
A4 / V-0			

CE TUEV22TEX8826U

Rated connection

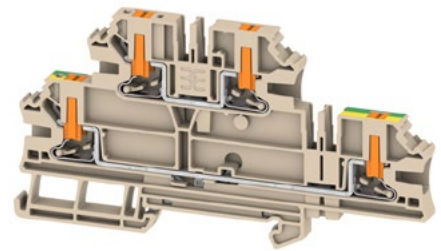
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4 VL	50	2847790000

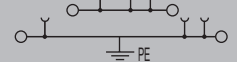
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 4	20	2848080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	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

AL2T 4 FT-PE

4 mm²



6.1 x 113.5 x 59.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600		
32	30		
4			
8 kV / 3			
A3 / V-0			

CE TUEV22TEX8826U

Rated connection

0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2T 4 FT-PE	50	2847800000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 2T 4	20	2848080000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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

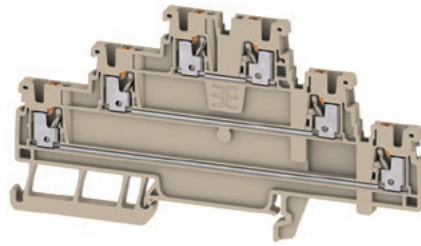
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

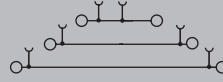
A

A3T 1.5

1.5 mm²

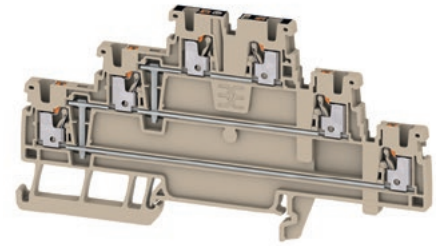


3.5 x 106.5 x 53
15 / 1.5
0.14...1.5

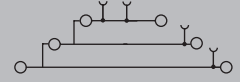


A3T 1.5 VL

1.5 mm²



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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	440
15	15	15	14
1.5	AWG 26...14		1.5 mm ²
6 kV / 3			
A1 / V-0			
CE TUEV16ATEX7909U			
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			
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	440
15	15	15	15
1.5	AWG 26...14		1.5 mm ²
6 kV / 3			
A1 / V-0			
CE TUEV16ATEX7909U			
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			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A3T 1.5	50	2816930000
A3T 1.5 BL	50	2816940000
Note		

Type	Qty.	Order No.
A3T 1.5 VL	50	2817980000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

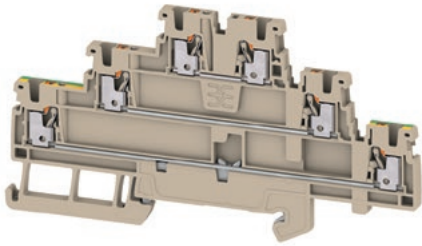
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3T 1.5	20	2816950000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC 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
Note		

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 MHR	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
Note		

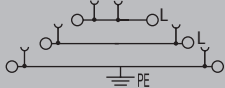
For detailed information on other accessories and application in the online catalogue

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	300	300	440
15	15	15	14
1.5		AWG 26...14	1.5 mm ²
6 kV / 3			
A1 / V-0			

CE cRUus

TUEV16ATEX7909U

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 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
SNAPMARK 1.5	40	2682080000



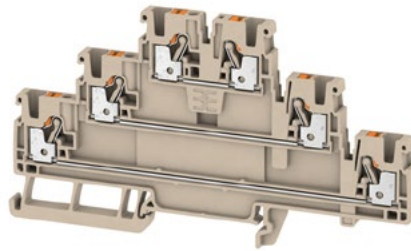
Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

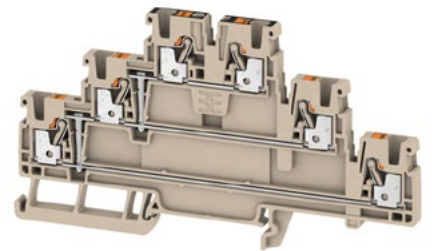
A3T 2.5

2.5 mm²



A3T 2.5 VL

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 116 x 64.5	
22 / 4	
0.14...4	

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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

DIN EN 60947-7-1				Ex eb II	C Gb		
IEC	UL	CSA	EN 60079-7				
800	300	300	550				
22	20	20	19				
2.5	AWG 28...12	AWG 28...12	2.5 mm ²				
				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							

DIN EN 60947-7-1				Ex eb II	C Gb		
IEC	UL	CSA	EN 60079-7				
800	300	300	550				
24	20	20	19				
2.5	AWG 28...12	AWG 28...12	2.5 mm ²				
				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							

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A3T 2.5	50	2428510000
A3T 2.5 BL	50	2428520000

Type	Qty.	Order No.
A3T 2.5 VL	25	2428540000
A3T 2.5 VL BL	25	2428550000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

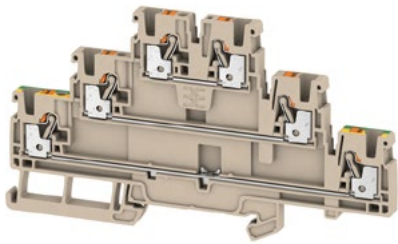
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Test adapter		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 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
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000
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 MHR	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
SNAPMARK I	50	1805880000

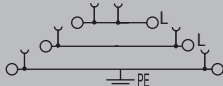
For detailed information on other accessories and application in the online catalogue

A3T 2.5 FT-PE

2.5 mm²



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



Ex eb II
C Gb II 2 G D

DIN EN 60947-7-1, DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

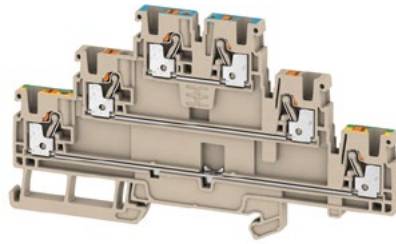
0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

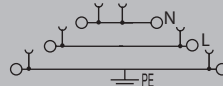
10 / 0.6 x 3.5 mm

A3T 2.5 N-FT-PE

2.5 mm²



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



Ex eb II
C Gb II 2 G D

DIN EN 60947-7-1, DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

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-PE	50	2428530000

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 VO	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

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 VO	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



Spring connection with PUSH IN technology (A-Series)
Feed-through terminal blocks

Universal range

A

AMC 2.5

2.5 mm²

AMC 2.5 800 V

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 107.5 x 88
22 / 2.5
0.14...2.5

6.1 x 107.5 x 88
22 / 2.5
0.14...2.5

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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
690	150	150	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
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			

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	600	600	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
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			

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
AMC 2.5	50	2434340000

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test plug	
Screwdriver	Standard
Marking tags	

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
AEP MC 2.5	25	2433820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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



Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

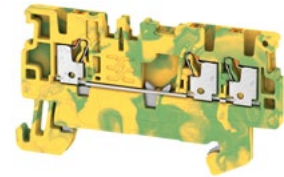
A2C 1.5 PE

1.5 mm²



A3C 1.5 PE

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5	
/ 1.5	
0.14...1.5	

3.5 x 61.5 x 33.5	
/ 1.5	
0.14...1.5	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2	Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
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			

IEC 60947-7-2	Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
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

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A2C 1.5 PE	50	1552680000

Type	Qty.	Order No.
A3C 1.5 PE	50	1552670000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

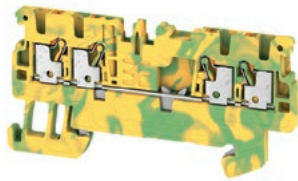
Type	Qty.	Order No.
AEP 2C 1.5	50	1552600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 M-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
AEP 3C 1.5	50	1552620000
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 M-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

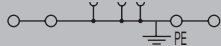
For detailed information on other accessories and application in the online catalogue

A4C 1.5 PE

1.5 mm²



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



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
A1 / V-0			

Rated connection

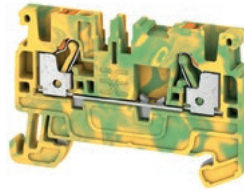
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A4C 1.5 PE	50	1552660000

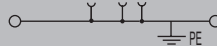
Type	Qty.	Order No.	
AEP 4C 1.5	50	1552640000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60	1	2749260000	
WS 10/3.5 PLUS MC NE WS	960	2003760000	
DEK 5/3.5 MM WS	1000	2007100000	
DEK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



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Rated connection

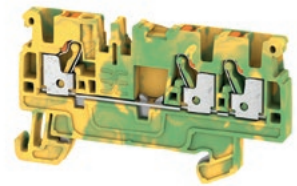
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 2.5 PE	50	1521680000

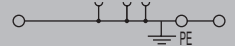
Type	Qty.	Order No.	
AEP 2C 2.5	50	1514400000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS 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	

A3C 2.5 PE

2.5 mm²



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



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
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

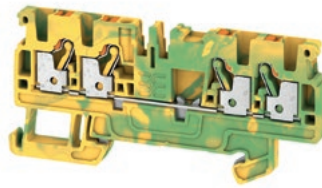
Type	Qty.	Order No.
A3C 2.5 PE	50	1521670000

Type	Qty.	Order No.	
AEP 3C 2.5	50	1521510000	
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	

Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

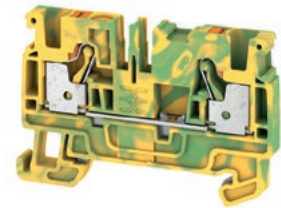
A4C 2.5 PE

2.5 mm²



A2C 4 PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-2	Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
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			

IEC 60947-2	Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
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			

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A4C 2.5 PE	50	1521540000

Type	Qty.	Order No.
A2C 4 PE	50	2051360000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

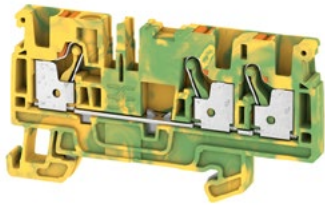
Type	Qty.	Order No.
AEP 4C 2.5	50	1521530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC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

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
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

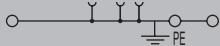
For detailed information on other accessories and application in the online catalogue

A3C 4 PE

4 mm²



6.1 x 74 x 39.5
/ 6
0.14...6



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

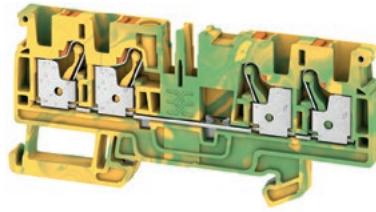
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3C 4 PE	50	2051410000

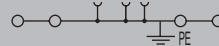
Type	Qty.	Order No.	
AEP 3C 4	20	2051720000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5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

A4C 4 PE

4 mm²



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



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
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

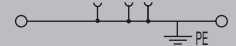
Type	Qty.	Order No.	
AEP 4C 4	20	2051900000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
WS 10/6 M PLUS MC NE WS	600	2003780000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6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

A2C 6 PE

6 mm²



8.1 x 66.5 x 45.5
/ 10
0.34...10



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	6 mm ²
800			
8			
720 A (6 mm ²)			
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.
A2C 6 PE	50	1991810000

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	
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	



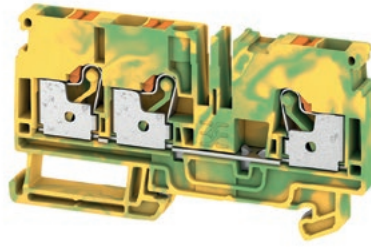
Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

A

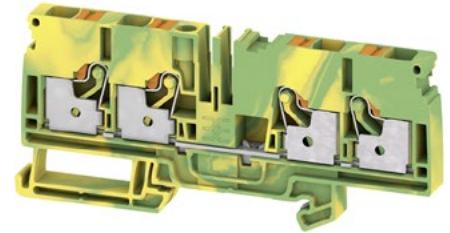
A3C 6 PE

6 mm²



A4C 6 PE

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 84.5 x 45.5	
/ 10	
0.34...10	

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

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2	Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	6 mm ²
800			
8			
	720 A (6 mm ²)		
	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			
Note			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
6	AWG 22...8		6 mm ²
800			
8			
	720 A (6 mm ²)		
	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			
Note			

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A3C 6 PE	50	1991850000

Type	Qty.	Order No.
A4C 6 PE	50	2881490000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
AEP 3C 6	50	1991940000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 M/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

Type	Qty.	Order No.
AEP 4C 6	50	2876180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 M/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 10 PE

10 mm²



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



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	
1000			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			

Rated connection

0.5...10 / 0.5...16
0.5...16 / 0.5...10
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 10 PE	25	2490440000

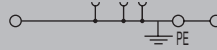
Type	Qty.	Order No.
AEP 2C 10/16	20	2490380000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

A3C 10 PE

10 mm²



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



IEC 60947-7-2 Ex eb II C Gbll 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	
1000			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			

Rated connection

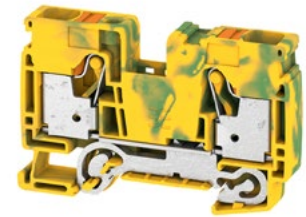
0.5...10 / 0.5...16
0.5...16 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A3C 10 PE	25	2490590000

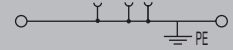
Type	Qty.	Order No.
AEP 3C 10/16	20	2490530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

A2C 16 PE

16 mm²



12 x 80.5 x 51.5
/ 25
0.5...25



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 18...6	AWG 18...6	16 mm ²
1000			
8			
1920 A (16 mm ²)			
3			
A6 / V-0			

Rated connection

0.5...16 / 10...25
0.5...25 / 0.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 16 PE	20	2494010000

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
WS-A 8/12 MM WS	300	2619900000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

A3C 16 PE

16 mm²



AL2C 2.5 PE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

12 x 102 x 51.5	
/ 25	
0.5...25	

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

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 18...6	AWG 18...6	16 mm ²
1000			
8			
1920 A (16 mm ²)			
3			
A6 / V-0			
Rated connection			
0.5...16 / 10...25			
0.5...25 / 0.5...16			
18 / 1.0 x 5.5 mm			
Note			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			
Rated connection			
0.5...4 / 0.5...2.5			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A3C 16 PE	20	2494020000
Note		

Type	Qty.	Order No.
AL2C 2.5 PE	100	2847590000
Note		

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

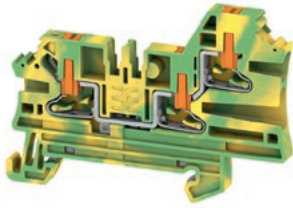
Type	Qty.	Order No.
AEP 3C 10/16	20	2490530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS-A 8/12 MM WS	300	2619900000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000
Note		

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 M-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
Note		

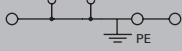
For detailed information on other accessories and application in the online catalogue

AL3C 2.5 PE

2.5 mm²



5.1 x 68 x 48
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

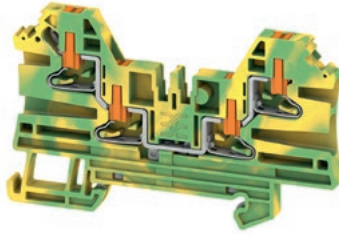


Rated connection

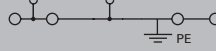
0.5...4 / 0.5...2.5
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

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	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

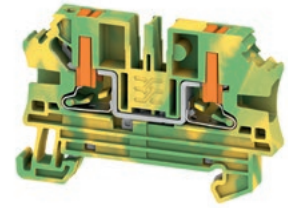


Rated connection

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

AL2C 4 PE

4 mm²



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



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 24...10	AWG 24...10	6 mm ²
1000			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

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

Type	Qty.	Order No.
AL3C 2.5 PE	50	2847600000

Type	Qty.	Order No.
AL4C 2.5 PE	50	2847610000

Type	Qty.	Order No.
AL2C 4 PE	50	2847740000

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	

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	

Type	Qty.	Order No.	
ALEP 2C 4	20	2871810000	
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	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	



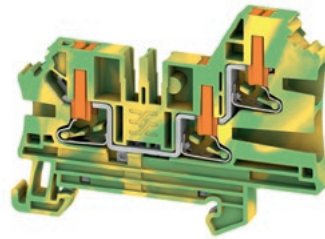
Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

A

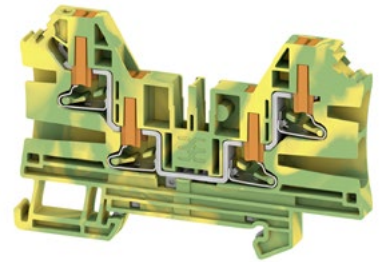
AL3C 4 PE

4 mm²



AL4C 4 PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 71.5 x 52.5	
/ 6	
0.14...6	

6.1 x 83 x 52.5	
/ 6	
0.14...6	

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
4	AWG 24...10	AWG 24...10	6 mm ²
1000			
8			
480 A (4 mm ²)			
3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
4	AWG 24...10	AWG 24...10	6 mm ²
1000			
8			
480 A (4 mm ²)			
3			
A4 / V-0			
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
12 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
AL3C 4 PE	50	2847750000

Type	Qty.	Order No.
AL4C 4 PE	50	2847770000

Accessories

End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

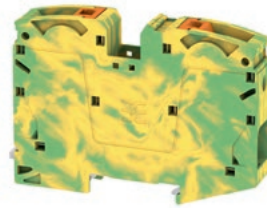
Type	Qty.	Order No.
ALEP 3C 4	20	2871830000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS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

Type	Qty.	Order No.
ALEP 4C 4	20	2871850000
ALEP 3C 4 BL	20	2871840000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

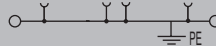
For detailed information on other accessories and application in the online catalogue

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
35	AWG 12...2	AWG 12...2	35 mm ²
1000 / 1500			
8			
4200 A (35 mm ²)			
3			
/ V-0			



Rated connection

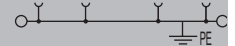
2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

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
50	AWG 8...0	AWG 8...NaN	70 mm ²
1000 / 1500			
8			
6000 A (50 mm ²)			
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.

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V/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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Marking tags	
Additional tap	green/yellow
Warning labels	

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
AAC 35 2X6 GN-YL	41 A 5	2583180000
AAM 35-185 YE FLASH	40	2635600000

Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

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

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



Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

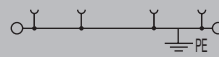
A

A2C 95/120 PE

95 mm²

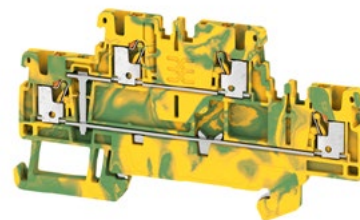


Width/Height/Depth	mm	25 x 101.5 x 90
max. current / max. cond. cross-section	-/mm ²	/ 120
Max. clamping range	mm ²	25...120

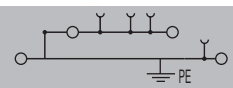


A2T 1.5 PE

1.5 mm²



Width/Height/Depth	mm	3.5 x 84 x 45
max. current / max. cond. cross-section	-/mm ²	/ 1.5
Max. clamping range	mm ²	0.14...1.5



Width/Height/Depth	mm	3.5 x 84 x 45
max. current / max. cond. cross-section	-/mm ²	/ 1.5
Max. clamping range	mm ²	0.14...1.5

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V/V
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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Marking tags	
Additional tap	green/yellow
Warning labels	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
95	AWG 4...0	AWG 4...0	120 mm ²
1000 / 1500			
14400 A (120 mm ²)			
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 mm ² , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.		

Type	Qty.	Order No.
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
WS-A 8/16 MM WS	200	2619910000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AAM 35-185 YE FLASH	40	2635600000

IEC 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500 / 500			
6			
180 A (1.5 mm ²)			
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

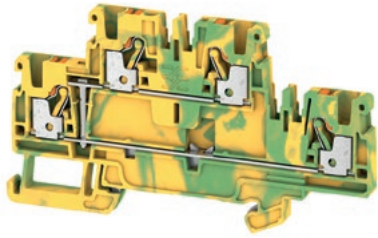
Type	Qty.	Order No.
A2T 1.5 PE	50	2469410000

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 M-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

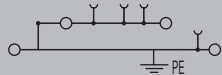
For detailed information on other accessories and application in the online catalogue

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 Gbll 2 G D



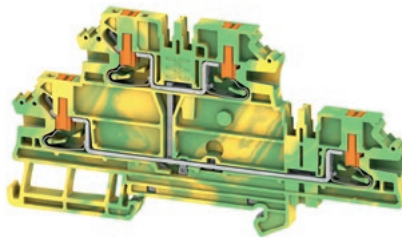
IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800 / 800			
6			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		



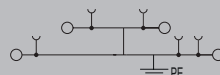
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

AL2T 2.5 PE

2.5 mm²



5.1 x 108 x 56.5
/ 2.5
0.14...2.5



IEC 60947-7-2

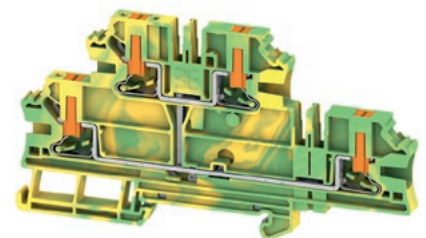
IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12		4 mm ²
800 /			
8			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		



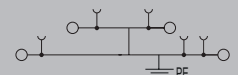
Rated connection
0.5...2.5 / 0.14...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

AL2T 4 PE

4 mm²



6.1 x 113.5 x 59.5
/ 6
0.14...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			6 mm ²
800 / 800			
6			
	480 A (4 mm ²)		
	3		
	A4 / V-0		



Rated connection
0.5...4 / 0.14...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 PE	50	1547680000

Type	Qty.	Order No.
AL2T 2.5 PE	50	2847650000

Type	Qty.	Order No.
AL2T 4 PE	50	2847810000

Type	Qty.	Order No.	
AEP 2T 2.5	20	1547690000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	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	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
SNAPMARK 1.5	40	2682080000	
DEK 5/5 MM WS	800	2007110000	

Type	Qty.	Order No.	
ALEP 2T 2.5	20	2848010000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	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	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
SNAPMARK 1.5	40	2682080000	
DEK 5/5 MM WS	800	2007110000	

Type	Qty.	Order No.	
ALEP 2T 4	20	2848080000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	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	
WS 8/5 MM WS	800	2007150000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
SNAPMARK 1.5	40	2682080000	
DEK 5/5 MM WS	800	2007110000	



Spring connection with PUSH IN technology (A-Series)
PE terminal blocks

Universal range

A

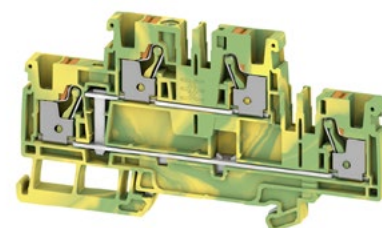
A2T 2.5 3C PE

2.5 mm²



A2T 4 PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 114.2 x 64	
/ 4	
0.14...4	

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

Technical data

Rated data	
for wire cross-section	mm 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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12		2.5 mm ²
800			
6			
300 A (2.5 mm ²)			
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			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
4	AWG 26...10		4 mm ²
800			
8			
480 A (4 mm ²)			
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			

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A2T 2.5 3C PE	50	2531320000

Type	Qty.	Order No.
A2T 4 PE	50	2539990000

Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Marking tags	

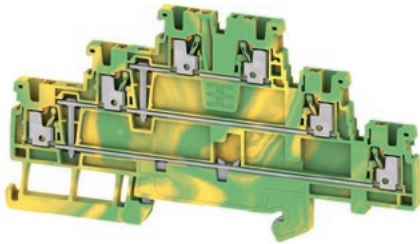
Type	Qty.	Order No.	
AEP 2T 2.5 3C	20	2532690000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 V0	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MHR	0.2 A	50	1991960000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
WS 10/5 M PLUS MC NE WS	600	2003770000	
DEK 5/5 MM WS	800	2007110000	
WS 8/5 MM WS	800	2007150000	
DEK 5/5 PLUS MC NE WS	1000	1854490000	

Type	Qty.	Order No.	
AEP 2T 4	20	2540000000	
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 MHR	0.2 A	50	1991860000
PS 2.0 MC	20	0310000000	
SDIL 0,6X3,5X100	1	2749140000	
DEK 5/6 PLUS MC NE WS	1000	1011320000	
WS 8/6 MM WS	600	2007160000	
DEK 5/6 MM WS	600	2007120000	
WS 10/6 M PLUS MC NE WS	600	2003780000	
SNAPMARK I	50	1805880000	

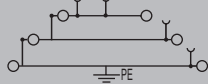
For detailed information on other accessories and application in the online catalogue

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		AWG 26...14	
500			
6			
	180 A (1.5 mm ²)		
	3		
	A1 / V-0		

CE cULus

Rated connection

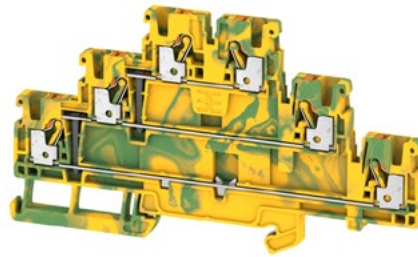
0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

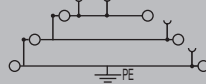
8 / 0.4 x 2.0 mm

A3T 2.5 PE

2.5 mm²



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



DIN EN 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 mm ²
800			
6			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		

CE cULus KEMA UK CA

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 1.5 PE	50	281800000

Type	Qty.	Order No.
A3T 2.5 PE	50	242855000

Type	Qty.	Order No.
AEP 3T 1.5	20	281695000
AEB 35 SC/1	50	199192000
AEB 35 SCL/1 VO	20	266128000
ATPG 1.5-10 L	0.2 A 50	199189000
ATPG 1.5 MI-R	0.2 A 50	199188000
PS 2.0 MC	20	031000000
SDS 0.4X2.0X60	1	274926000
DEK 5/3.5 PLUS MC NE WS	1600	200375000
DEK 5/3.5 MM WS	1000	200710000
WS 10/3.5 PLUS MC NE WS	960	200376000
SNAPMARK 1.5	40	268208000

Type	Qty.	Order No.
AEP 3T 2.5	20	242856000
AEB 35 SC/1	50	199192000
AEB 35 SCL/1 VO	20	266128000
ATPG 1.5-10 L	0.2 A 50	199189000
ATPG 2.5 MI-R	0.2 A 50	199196000
PS 2.0 MC	20	031000000
SDIL 0,6X3,5X100	1	274914000
WS 10/5 M PLUS MC NE WS	600	200377000
DEK 5/5 MM WS	800	200711000
WS 8/5 MM WS	800	200715000
DEK 5/5 PLUS MC NE WS	1000	185449000
SNAPMARK I	50	180588000

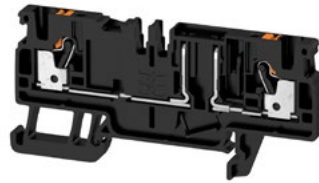


Spring connection with PUSH IN technology (A series)

Fuse terminals blocks

AFS 2.5 CF 2C

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 37.65
10 / 4
0.14...4



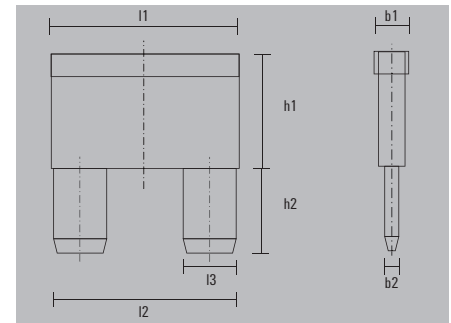
Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

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 / 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			
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	
	400 V DC
	12 V DC
	24 V DC
Note	

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	Black
Test plug	
	Black
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5 BK	50	2486660000
PS 2.0 MC	20	0310000000
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
SDIL 0,6X3,5X100	1	2749140000
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

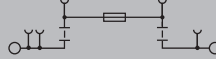
AFS 4 2C

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

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 mm ²
4 kV / 3			
A4 / V-0			
TÜV17ATEX8064U			
Rated connection			
0.5...4 / 0.5...6			
0.5...6 / 0.5...4			
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

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
	100 - 250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
AFS 4 2C BK	50	2429860000
AFS 4 2C 10-36V BK	50	2429870000
AFS 4 2C 30-70V BK	50	2434350000
AFS 4 2C 60-150V BK	50	2434380000
AFS 4 2C 100-250V BK	50	2434390000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	Black
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	
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
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4 BK		
	20	2486640000
PS 2.0 MC		
	20	0310000000
A3C 4		
	32 A 50	2051240000
A3C 4 PE		
	50	2051410000
SDIL 0,6X3,5X100		
	1	2749140000
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 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

Spring connection with PUSH IN technology (A series)

Fuse terminals blocks

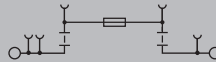
AFS 4 2C BK/BL

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

DIN EN 60947-7-3

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 mm ²
4 kV / 3			
A4 / V-0			

® TUEV17ATEX8064U

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

Note

Ordering data

Version	500 V AC/DC, without LED
Note	

Type	Qty.	Order No.
AFS 4 2C BK/BL	50	2548140000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	Black
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4 BK	20	2486640000
PS 2.0 MC	20	0310000000
A3C 4	32 A 50	2051240000
A3C 4 PE	50	2051410000
SDIL 0,6X3,5X100	1	2749140000
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 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

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

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

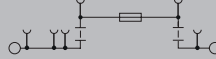
For detailed information on other accessories and application in the online catalogue

ALFS 4 2C BK

4 mm²



6.1 x 73.5 x 68
6.3 / 6
0.14...6



IEC 60947-7-3

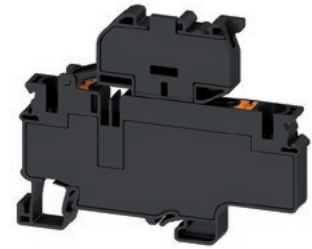
IEC	UL	CSA	EN 60079-7
500	150 (C)	150 (C)	
6.3	10	10	6.3
4	AWG 24...10	AWG 24...10	6 mm ²
4 kV / 3			
A4 / V-0			

CE TUEV24ATEX9181U

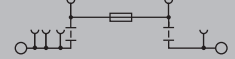
Rated connection
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

AFS 6 2C 6.3X32

6 mm²



8 x 82.9 x 66.3
10 / 10
0.5...10



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
1000			
10			
6			
/ 3			
A5 / V-0			

Rated connection
0.5...10 / 0.5...10
0.5...10 / 0.5...10
12 / 0.8 x 4.0 mm

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

Note

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	
100 - 250 V AC/DC, with LED	

Note

Accessories

Plug-in cross-connection	
2-pole	
10-pole	

End plate	
dark beige	
blue	

Test plug

Terminal blocks identical in contour

Screwdriver	
Standard	

Marking tags

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	

Type	Qty.	Order No.
ALFS 4 2C BK	50	2898780000
ALFS 4 2C 10-36V BK	50	2898790000
ALFS 4 2C 30-70V BK	50	2898800000
ALFS 4 2C 60-150V BK	50	2898810000
ALFS 4 2C 100-250V BK	50	2898820000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP DT 4 2C	20	2898890000
ALEP DT 4 2C BL	20	2898900000

Type	Qty.	Order No.
PS 2.0 MC	20	0310000000
A3C 4	32 A 50	2051240000
A3C 4 PE	50	2051410000
SDIL 0,6X3,5X100	1	2749140000
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 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

Type	Qty.	Order No.
AFS 6 2C 6.3X32	50	2996020000

Type	Qty.	Order No.
PS 2.3 RT	20 mA 20	0180400000

Type	Qty.	Order No.
MF 10/8 MM WS	400	2519190000

GZ 0.5A/F	0.5 A	10	1460580000
GZ 1.0A/F	1 A	10	1460590000
GZ 2.0A/F	2 A	10	1460600000

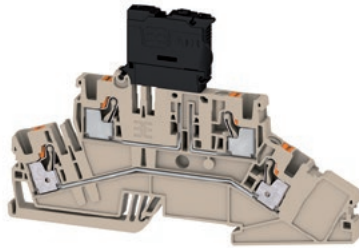
For detailed information on other accessories and application in the online catalogue



Spring connection with PUSH IN technology (A series)
Fuse terminals blocks

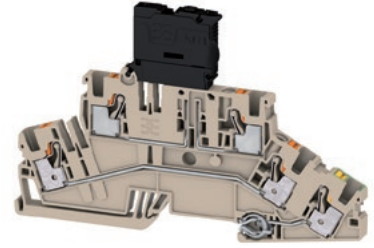
A2T 4 FS-FT

4 mm²



A2T 4 FS-FT-PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 126.5 x 83.5
6.3 / 6
0.14...6

6.1 x 126.5 x 83.5
6.3 / 6
0.14...6

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	25
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			

CE, UL, CSA, TÜV, IEC, Ex, TÜEV16ATEX7909U

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

IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	25
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			

CE, UL, CSA, TÜV, IEC, Ex, TÜEV16ATEX7909U

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

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
	100 - 250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
A2T 4 FS-FT	50	2831500000

Type	Qty.	Order No.
A2T 4 FS-FT-PE	50	2831510000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Marking tags	
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
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
PS 2.0 MC		
	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT-PE	6.3 A 50	2831510000
SDIL 0,6X3,5X100		
	1	2749140000
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 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

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
PS 2.0 MC		
	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT	6.3 A 50	2831500000
SDIL 0,6X3,5X100		
	1	2749140000
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 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

A2T 4 FS-FT BK

4 mm²



A2T 4 FS-FT-PE BK

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 126.5 x 83.5
6.3 / 6
0.14...6

6.1 x 126.5 x 83.5
6.3 / 6
0.14...6

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

IEC 60947-7-3, IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	6.3
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			

CE, cULus, TÜV17ATEX8064U

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250		150 (C)	
6.3		30	6.3
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			

CE, cULus, TÜV17ATEX8064U

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

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	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
A2T 4 FS-FT BK	50	2816960000
A2T 4 FS-FT 10-36V BK	50	2816970000
A2T 4 FS-FT 30-70V BK	50	2816980000
A2T 4 FS-FT 60-150V BK	50	2816990000
A2T 4 FS-FT 100-250V BK	50	2817000000

Type	Qty.	Order No.
A2T 4 FS-FT-PE BK	50	2817010000
A2T 4 FS-FT-PE 10-36V BK	50	2817020000
A2T 4 FS-FT-PE 30-70V BK	50	2817030000
A2T 4 FS-FT-PE 60-150V BK	50	2817040000
A2T 4 FS-FT-PE 100-250V BK	50	2817050000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate	
dark beige	
Test plug	
Terminal blocks identical in contour	
Screwdriver	
Standard	
Marking tags	
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	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
PS 2.0 MC		
	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT-PE BK	6.3 A 50	2817010000
SDIL 0,6X3,5X100		
	1	2749140000
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 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

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS		
	20	2817060000
PS 2.0 MC		
	20	0310000000
A2T 4 DT-FT	20 A 50	2831520000
A2T 4 DT-FT-PE	20 A 50	2831530000
A2T 4 FS-FT BK	6.3 A 50	2816960000
SDIL 0,6X3,5X100		
	1	2749140000
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 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



Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

Universal range

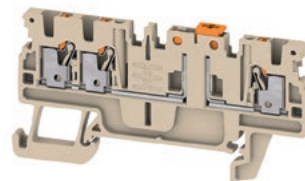
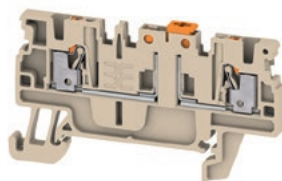
A

ADT 1.5 2C

1.5 mm²

ADT 1.5 3C

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 61.5 x 33.5	
10 / 1.5	
0.14...1.5	

3.5 x 67.5 x 33.5	
10 / 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300		
10	10		
1.5			
		6 kV / 3	
		A1 / V-0	
CE			
Rated connection			
0.5...1.5 / 0.14...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300		
10	10		
1.5			
		6 kV / 3	
		A1 / V-0	
CE			
Rated connection			
0.5...1.5 / 0.14...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

Type	Qty.	Order No.
ADT 1.5 2C	100	2918260000
ADT 1.5 2C BL	100	2941210000
Note		

Type	Qty.	Order No.
ADT 1.5 3C	100	2918270000
ADT 1.5 3C BL	100	2941220000
Note		

Accessories

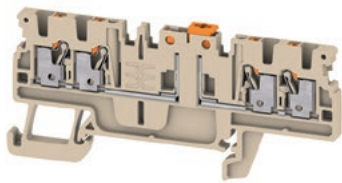
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
	PS 2.0 MC
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
	WS 8/3.5 MM WS
	DEK 5/3.5 MM WS
	DEK 5/3.5 PLUS MC NE WS
For detailed information on other accessories and application in the online catalogue	

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 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 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
Note		

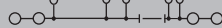
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 4C 1.5	50	1552640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 8/3.5 MM WS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

ADT 1.5 4C

1.5 mm²



3.5 x 77 x 33.5
10 / 1.5
0.14...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300		
10	10		
1.5			
6 kV / 3			
A1 / V-0			



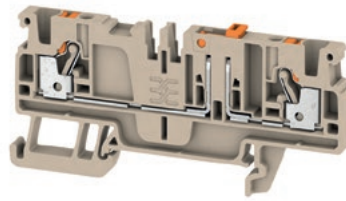
Rated connection
0.5...1.5 / 0.14...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ADT 1.5 4C	100	2918280000
ADT 1.5 4C BL	100	2941230000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP DT 1.5 4C	50	2918300000
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 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

ADT 2.5 2C

2.5 mm²



5.1 x 77.5 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			



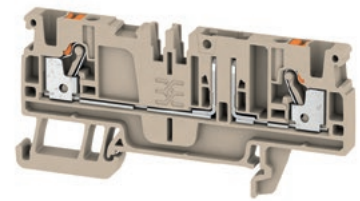
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 2C	50	1989800000
ADT 2.5 2C BL	50	1989810000

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 VO	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
DTLE 2.5/4	25	2910530000
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 2C W/O DTLV

2.5 mm²



5.1 x 77.5 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 2C W/O DTLV	50	1989930000

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 VO	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
DTLE 2.5/4	25	2910530000
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

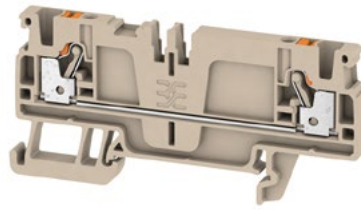
Spring connection with PUSH IN technology (A-Series)
Test-disconnect terminal blocks

Universal range

A

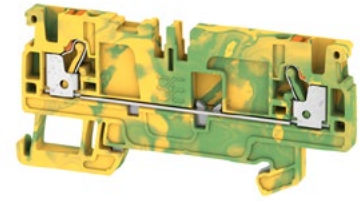
A2C 2.5 /DT/FS

2.5 mm²



A2C 2.5 PE /DT/FS

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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			

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			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

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

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

Accessories

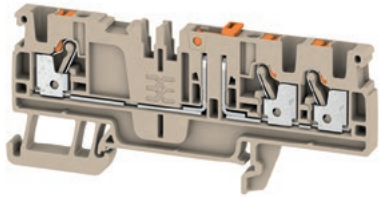
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
	PS 2.0 MC
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
	DEK 5/5 PLUS MC NE WS
	DEK 5/5 MM WS
	WS 8/5 MM WS
	WS 10/5 M PLUS MC NE WS
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/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 VO	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

Type	Qty.	Order No.
AEP 4C 2.5	50	1521530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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

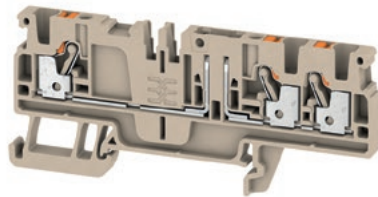


Rated connection

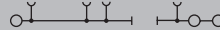
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ADT 2.5 3C W/O DTLV

2.5 mm²



5.1 x 84.5 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

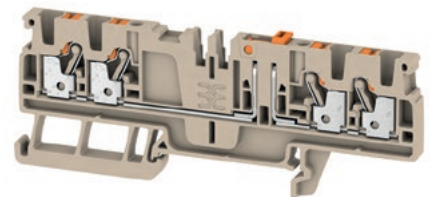


Rated connection

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

ADT 2.5 4C

2.5 mm²



5.1 x 96 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.
ADT 2.5 3C W/O DTLV	50	1989940000

Type	Qty.	Order No.
ADT 2.5 4C	50	1989860000
ADT 2.5 4C BL	50	1989870000

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 VO	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
DTLE 2.5/4	25	2910530000
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 DT 2.5 3C	50	1989970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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 DT 2.5 4C	50	1989980000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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



Spring connection with PUSH IN technology (A-Series)
Test-disconnect terminal blocks

Universal range

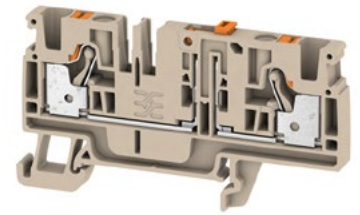
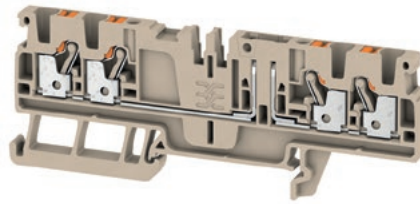
A

ADT 2.5 4C W/O DTLV

2.5 mm²

ADT 4 2C

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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			

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			

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

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

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

Accessories

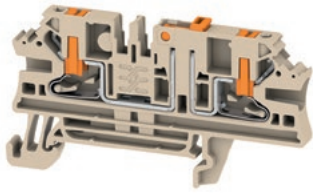
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 4C	50	1989980000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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 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 VO	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
DTLE 2.5/4	25	2910530000
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

ALDT 2.5 2C

2.5 mm²



5.1 x 68 x 38
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600		
20	19		
2.5	AWG 26...12		
6 kV / 3			
A3 / V-0			



Rated connection

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

ALDT 2.5 2C W/O DT

2.5 mm²



5.1 x 36.5 x 38
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600		
20	19		
2.5	AWG 26...12		
6 kV / 3			
/ V-0			

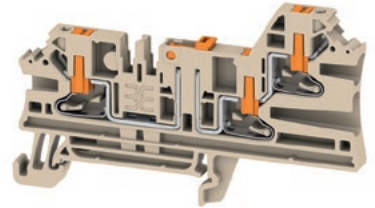


Rated connection

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

ALDT 2.5 3C

2.5 mm²



5.1 x 79.5 x 48
20 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600		
20	19		
2.5	AWG 26...12		
6 kV / 3			
A3 / 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.
ALDT 2.5 2C	50	2898660000
ALDT 2.5 2C BL	50	2898670000

Type	Qty.	Order No.
ALDT 2.5 2C W/O DTLV	50	2898680000
ALDT 2.5 2C W/O DTLV BL	50	2898690000

Type	Qty.	Order No.
ALDT 2.5 3C	50	2898700000
ALDT 2.5 3C BL	50	2898710000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

ALEP DT 2.5 2C	20	2898830000
ALEP DT 2.5 2C BL	20	2898840000

ALEP DT 2.5 2C	20	2898830000
ALEP DT 2.5 2C BL	20	2898840000

ALEP DT 2.5 3C	20	2898850000
ALEP DT 2.5 3C BL	20	2898860000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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

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

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
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PS 2.0 MC	20	0310000000
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PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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SDIL 0,6X3,5X100	1	2749140000
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SDIL 0,6X3,5X100	1	2749140000
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DTLE 2.5/4	25	2910530000
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DTLE 2.5/4	25	2910530000
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DTLE 2.5/4	25	2910530000
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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

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

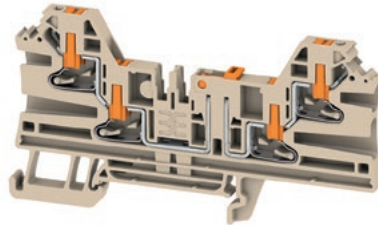
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000



Spring connection with PUSH IN technology (A-Series)
Test-disconnect terminal blocks

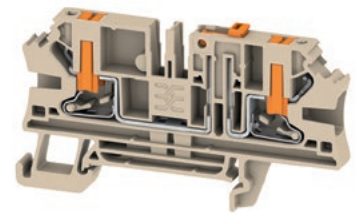
ALDT 2.5 4C

2.5 mm²



ALDT 4 2C

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 91 x 48	
20 / 4	
0.14...4	

6.1 x 73.5 x 41	
20 / 6	
0.14...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600		
20	19		
2.5	AWG 26...12		
6 kV / 3			
A3 / V-0			

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

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
4	AWG 24...10	AWG 24...10	
6 kV / 3			
A4 / V-0			

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

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
	without isolator
	without isolator, blue
Note	

Type	Qty.	Order No.
ALDT 2.5 4C	50	2898720000
ALDT 2.5 4C BL	50	2898730000

Type	Qty.	Order No.
ALDT 4 2C	50	2898740000
ALDT 4 2C BL	50	2898750000

Accessories

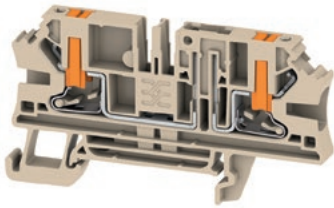
Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
	PS 2.0 MC
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
	DEK 5/5 PLUS MC NE WS
	DEK 5/5 MM WS
	WS 8/5 MM WS
	WS 10/5 M PLUS MC NE WS
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/10	24 A 20	1527690000
ALEP DT 2.5 4C	20	2898870000
ALEP DT 2.5 4C BL	20	2898880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP DT 4 2C	20	2898890000
ALEP DT 4 2C BL	20	2898900000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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

ALDT 4 2C W/O DTLV

4 mm²



6.1 x 73.5 x 41
20 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
4	AWG 24...10	AWG 24...10	
6 kV / 3			
A4 / V-0			

CE cRU_{us}

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.
ALDT 4 2C W/O DTLV	50	2898760000
ALDT 4 2C W/O DTLV BL	50	2898770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP DT 4 2C	20	2898890000
ALEP DT 4 2C BL	20	2898900000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
DTLE 2.5/4	25	2910530000
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

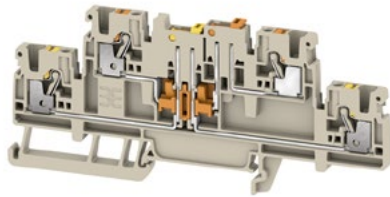


Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

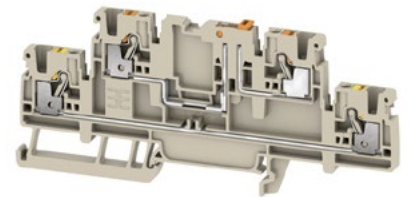
A2T 2.5 DT/DT

2.5 mm²



A2T 2.5 DT/FT

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 115 x 50.5	
16 / 4	
0.14...4	

5.1 x 115 x 50.5	
2 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	19	19	
2.5	AWG 26...12	AWG 26...12	
6 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	

IEC	UL	CSA	EN 60079-7
800	300	300	
16	19	19	
2.5	AWG 26...12	AWG 26...12	
8 kV / 3			
/ V-0			

CE

Rated connection	
0.5...2.5 / 0.14...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 2.5 DT/DT	50	2744110000
A2T 2.5 DT/DT BL	50	2744120000

Type	Qty.	Order No.
A2T 2.5 DT/FT	50	2744130000
A2T 2.5 DT/FT BL	50	2744140000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Switch lock	
	red
Marking tags	
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
	removable, as replacement for release lever
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
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/10	24 A 20	1527690000
AEP DT 2.5 2T		
AEP DT 2.5 2T	20	2744150000
AEP DT 2.5 2T BL	20	2744160000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DTLE 2.5/4		
DTLE 2.5/4	25	2910530000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
SIHA 3/G20		
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		
TNST OR	20 A 50	2463540000
TNST		
TNST	20 A 50	1833090000
BEST		
BEST	50	1833100000
BEST/D		
BEST/D	1 A 50	1878560000

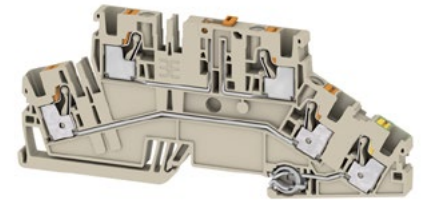
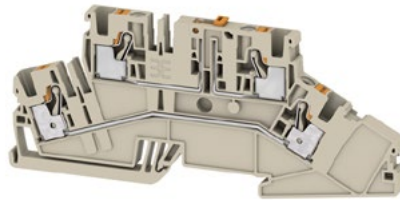
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 2T		
AEP DT 2.5 2T	20	2744150000
AEP DT 2.5 2T BL	20	2744160000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
SIHA 3/G20		
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		
TNST OR	20 A 50	2463540000
TNST		
TNST	20 A 50	1833090000
BEST		
BEST	50	1833100000
BEST/D		
BEST/D	1 A 50	1878560000

A2T 4 DT-FT

4 mm²

A2T 4 DT-FT-PE

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 126.5 x 56.5
20 / 6
0.14...6

6.1 x 126.5 x 56.5
20 / 6
0.14...6

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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

IEC	UL	CSA	EN 60079-7
250		150	
20		25	
4	AWG 26...10	AWG 26...10	
6 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			

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

IEC	UL	CSA	EN 60079-7
250		150	
20		25	
4	AWG 26...10	AWG 26...10	
6 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			

Ordering data

Version	
	dark beige
	without isolator, dark beige
Note	

Type	Qty.	Order No.
A2T 4 DT-FT	50	2831520000
A2T 4 DT-FT W/O DTLV	50	2831540000

Type	Qty.	Order No.
A2T 4 DT-FT-PE	50	2831530000
A2T 4 DT-FT-PE W/O DTLV	50	2831550000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	dark beige
End bracket	dark beige, screwable
	dark beige, direct mounting
Test adapter	1-pole
	stackable
Screwdriver	Standard
Marking tags	
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
	removable, as replacement for release lever
Module connector (max, 250 V)	without fittings
	With 1N4007 diode
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS	20	2817060000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M/R	0.2 A 50	1991860000
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
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
TNST	20 A 50	1833090000
BEST	50	1833100000
BEST/D	1 A 50	1878560000

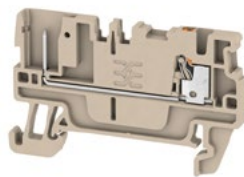
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4 FS	20	2817060000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M/R	0.2 A 50	1991860000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
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
TNST	20 A 50	1833090000
BEST	50	1833100000
BEST/D	1 A 50	1878560000

Spring connection with PUSH IN technology (A-Series)

Pluggable terminal blocks

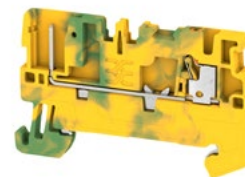
APGTB 1.5 FT 2C/1

1.5 mm²



APGTB 1.5 PE 2C/1

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5	
17.5 / 1.5	
0.14...1.5	

3.5 x 55 x 33.5	
/ 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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			
Note			

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			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 1.5 FT 2C/1	50	2482160000
APGTB 1.5 FT 2C/1 BL	50	2482170000
Note		

Type	Qty.	Order No.
APGTB 1.5 PE 2C/1	50	2482220000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

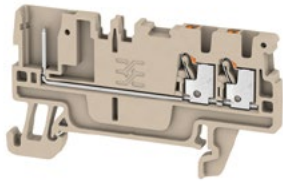
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 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
Note		

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
Note		

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

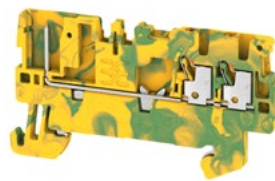
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

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 VO	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 60947-7-1

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 VO	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

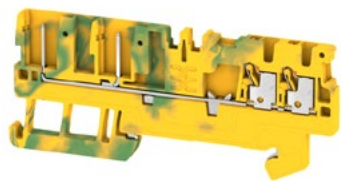
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP PGTB 1.5 4C/2	50	2482510000
AEP PGTB 1.5 4C/2 BL	50	2482520000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
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

Spring connection with PUSH IN technology (A-Series)

Pluggable terminal blocks

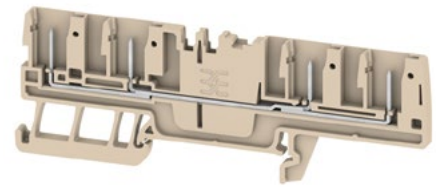
APGTB 1.5 PE 4C/2

1.5 mm²



APGTB 1.5 FT 4C/4

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

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

5.1 x 87 x 36.5	
17.5 / 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

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

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



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	

Note

Ordering data

Version
dark beige
Blue
Green/yellow

Note

Type	Qty.	Order No.
APGTB 1.5 PE 4C/2	50	2482240000

Type	Qty.	Order No.
APGTB 1.5 FT 4C/4	100	2898120000
APGTB 1.5 FT 4C/4 BL	100	2898130000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate	
dark beige	
Blue	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Plug	
Screwdriver	
Standard	
Marking tags	

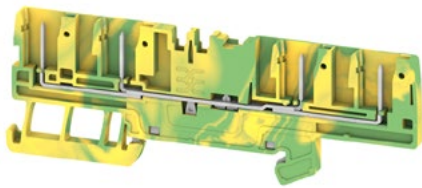
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP PGTB 1.5 4C/2	50	2482510000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 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

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/4	20	2898180000
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

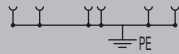
For detailed information on other accessories and application in the online catalogue

APGTB 1.5 PE 4C/4

1.5 mm²



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



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



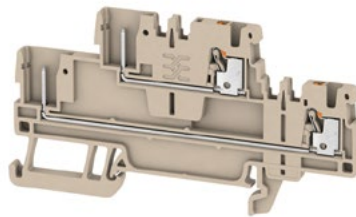
Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...2.5

Type	Qty.	Order No.
APGTB 1.5 PE 4C/4	50	2898140000

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/4	20	2898180000
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 2T 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		



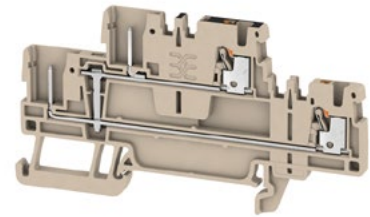
Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 2T 4C/2	50	2485840000
APGTB 1.5 2T 4C/2 BL	50	2485850000

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 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

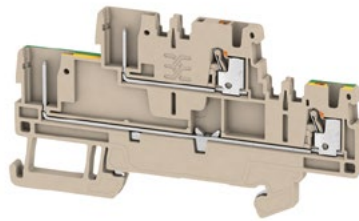
Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

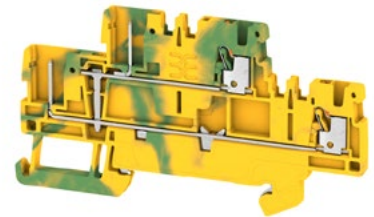
APGTB 1.5 2T FT PE 4C/2

1.5 mm²



APGTB 1.5 2T PE 4C/2

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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	

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	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

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

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

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

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		
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1		
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		
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

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		
AEP 2T 1.5	20	2469420000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 1.5/1		
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		
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

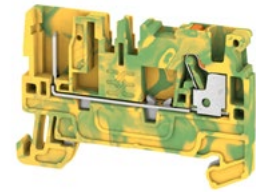
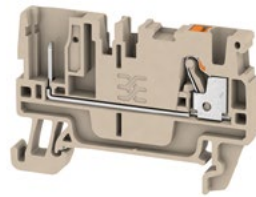
For detailed information on other accessories and application in the online catalogue

APGTB 2.5 FT 2C/1

2.5 mm²

APGTB 2.5 PE 2C/1

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

5.1 x 54 x 36.5	
/ 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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			
Note			

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			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 2.5 FT 2C/1	100	1513970000
APGTB 2.5 FT 2C/1 BL	100	1513990000
Note		

Type	Qty.	Order No.
APGTB 2.5 PE 2C/1	50	1513870000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	
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/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
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
Note		

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
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
Note		

Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

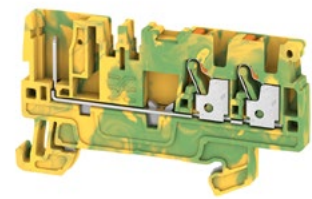
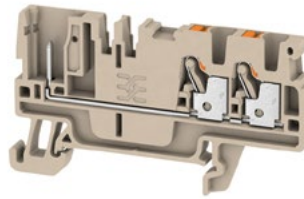
A

APGTB 2.5 FT 3C/1

2.5 mm²

APGTB 2.5 PE 3C/1

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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			
Note			

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			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 2.5 FT 3C/1	50	1514000000
APGTB 2.5 FT 3C/1 BL	50	1514020000
Note		

Type	Qty.	Order No.
APGTB 2.5 PE 3C/1	50	1513890000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

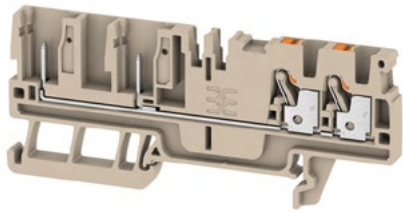
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3C 2.5	50	1521510000
AEP 3C 2.5 BL	50	1521520000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
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
Note		

Type	Qty.	Order No.
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
Note		

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

APGTB 2.5 FT 4C/2

2.5 mm²



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



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

Type	Qty.	Order No.
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 VO	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



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



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



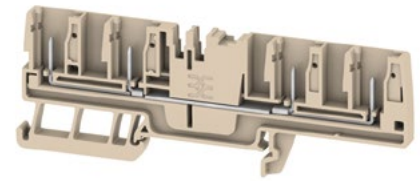
Rated connection
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 PE 4C/2	50	1513920000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP PGTB 2.5 4C/2	50	1514450000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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/4

2.5 mm²



5.1 x 87 x 36.5
24 / 2.5
0.5...2.5



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



Rated connection
0.5...2.5 / 0.5...4
0.5...2.5 / 0.5...2.5

Type	Qty.	Order No.
APGTB 2.5 FT 4C/4	100	2898150000
APGTB 2.5 FT 4C/4 BL	100	2898160000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP PGTB 2.5 4C/4	20	2898190000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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

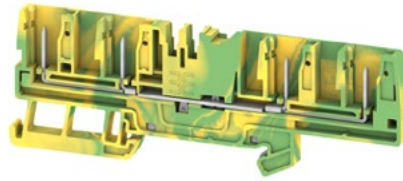
Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

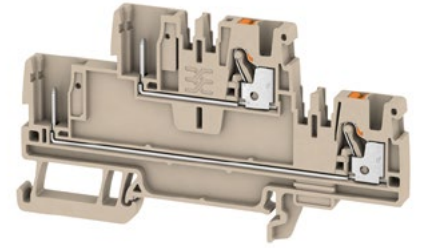
APGTB 2.5 PE 4C/4

2.5 mm²



APGTB 2.5 2T 4C/2

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 87 x 36.5	
24 / 2.5	
0.5...2.5	

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800	600		
24			
2.5	AWG 28...12		
	8 kV / 3		
	/ V-0		
Rated connection			
0.5...2.5 / 0.5...4			
2.5			
6 /			
Note			

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			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 2.5 PE 4C/4	50	2898170000
Note		

Type	Qty.	Order No.
APGTB 2.5 2T 4C/2	50	1548060000
APGTB 2.5 2T 4C/2 BL	50	1548070000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

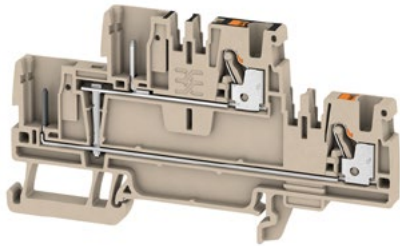
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP PGTB 2.5 4C/4	20	2898190000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Plug		
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 R	24 A 50	1513940000
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
Note		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
End plate		
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
End bracket		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
Plug		
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
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
SNAPMARK I	50	1805880000
Note		

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

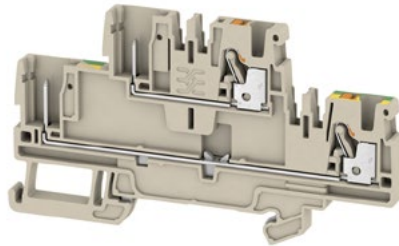
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

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

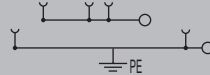
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
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	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

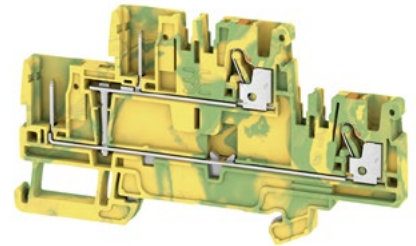
0.5...2.5 / 0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

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

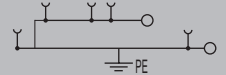
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 L	24 A 50	1513830000
APG 2.5 MI	24 A 50	1513880000
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 60947-7-1

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

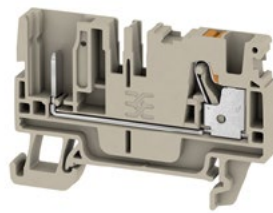
Type	Qty.	Order No.
APGTB 2.5 2T PE 4C/2	50	1548160000

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 VO	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

Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

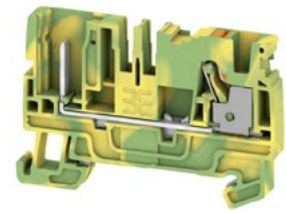
APGTB 4 FT 2C/1

4 mm²



APGTB 4 PE 2C/1

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 59.5 x 39.5
32 / 6
0.14...6

6.1 x 59.5 x 39.5
/ 6
0.14...6

Technical data

In accordance with IEC 60947-7-1

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

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			

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	



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

Note

Note

Note

Ordering data

Version
dark beige
Blue
Green/yellow

Type	Qty.	Order No.
APGTB 4 FT 2C/1	100	2540050000
APGTB 4 FT 2C/1 BL	100	2540060000

Type	Qty.	Order No.
APGTB 4 PE 2C/1	50	2540110000

Note

Accessories

Plug-in cross-connection
2-pole
10-pole

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

End plate
dark beige
Blue

Type	Qty.	Order No.
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000

Type	Qty.	Order No.
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000

End bracket
dark beige, screwable
dark beige, direct mounting

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

Plug
APG 4/1
APG 4/10
APG 4 MI
APG 4 L
APG 4 R

Type	Qty.	Order No.
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

Type	Qty.	Order No.
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

Screwdriver
Standard

Type	Qty.	Order No.
SDIL 0,6X3,5X100	1	2749140000

Type	Qty.	Order No.
SDIL 0,6X3,5X100	1	2749140000

Marking tags
WS 10/6 M PLUS MC NE WS
DEK 5/6 MM WS
WS 8/6 MM WS
DEK 5/6 PLUS MC NE WS

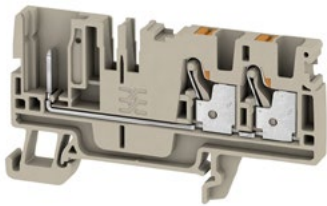
Type	Qty.	Order No.
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
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

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



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			

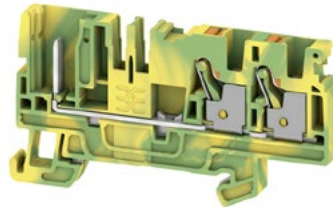
CE
Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

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 VO	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



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

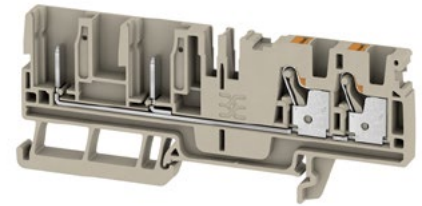
CE
Rated connection
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

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 VO	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



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			

CE
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 VO	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

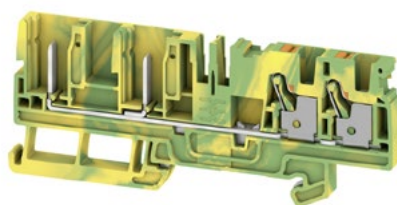
Spring connection with PUSH IN technology (A-Series) Pluggable terminal blocks

Universal range

A

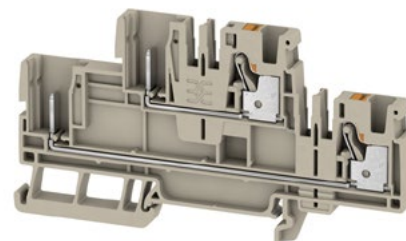
APGTB 4 PE 4C/2

4 mm²



APGTB 4 2T 4C/2

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

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			

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			

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 4 PE 4C/2	50	2540180000

Type	Qty.	Order No.
APGTB 4 2T 4C/2	50	2540230000
APGTB 4 2T 4C/2 BL	50	2540250000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

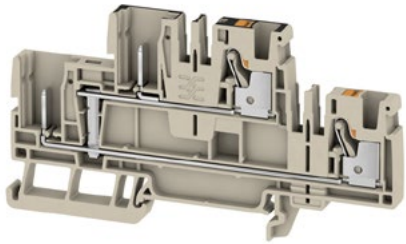
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP PGTB 4 4C/2	20	2540210000
AEP PGTB 4 4C/2 BL	20	2540280000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
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

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

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

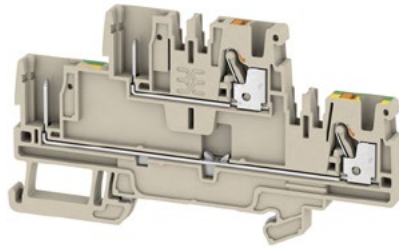
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

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

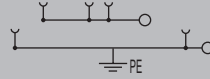
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 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

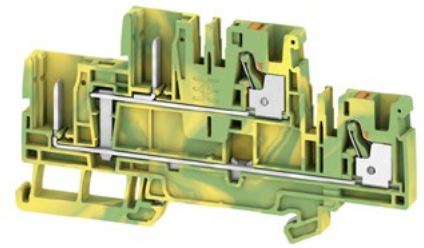
0.5...4 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

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

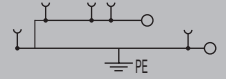
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 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 60947-7-1

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 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 VO	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

Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

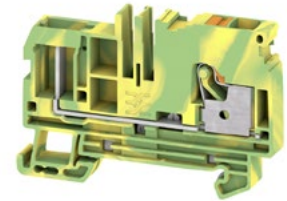
A

APGTB 6 FT 2C/1

6 mm²

APGTB 6 PE 2C/1

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 66.5 x 45.5
41 / 10
0.34...10

6.1 x 66.5 x 45.5
41 / 10
0.34...10

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800	600		
41	37		
6	AWG 22...8		
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			
Note			

IEC	UL	CSA	EN 60079-7
800			
6	AWG 22...8		
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			
Note			

Ordering data

Version	
	dark beige
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 6 FT 2C/1	50	3002280000
Note		

Type	Qty.	Order No.
APGTB 6 PE 2C/1	50	3002340000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
	1-pole
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 6		
	50	1991970000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
APG 6/1		
	30 A 50	2762320000
APG 6/10		
	30 A 10	2829070000
SDIL 0,6X3,5X100		
	1	2749140000
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
Note		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 6		
	50	1991970000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 VO		
	20	2661280000
APG 6/1		
	30 A 50	2762320000
APG 6/10		
	30 A 10	2829070000
SDIL 0,6X3,5X100		
	1	2749140000
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
Note		

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



Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

APG 1.5...

1.5 mm²



APG 2.5...

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 14 x 31.15
17.5 / 1.5
0.14...1.5

5.1 x 16.5 x 42.5
24 / 2.5
0.14...2.5

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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		Plug-in connection	
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
10 / 0.4 x 2.0 mm			
Note			

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		Plug-in 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	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
	4-poles/3x beige, 1x green
	3-poles/1x beige, 1x blue, 1x green
	5-poles/3x beige, 1x blue, 1x green
Note	

Type	Qty.	Order No.
APG 1.5/1	50	2482340000
APG 1.5/2	25	2482350000
APG 1.5/3	25	2482360000
APG 1.5/4	25	2482370000
APG 1.5/5	25	2482380000
APG 1.5/6	25	2482390000
APG 1.5/7	25	2482400000
APG 1.5/8	20	2482410000
APG 1.5/9	20	2482420000
APG 1.5/10	20	2482430000
APG 1.5/3-BG-BL-GN	25	2482460000
APG 1.5/5-3BG-BL-GN	25	2482440000
Note		

Type	Qty.	Order No.
APG 2.5/1	50	1513720000
APG 2.5/2	25	1513640000
APG 2.5/3	25	1513650000
APG 2.5/4	25	1513670000
APG 2.5/5	25	1513680000
APG 2.5/6	25	1513690000
APG 2.5/7	25	1513700000
APG 2.5/8	20	1513730000
APG 2.5/9	20	1513740000
APG 2.5/10	20	1513770000
APG 2.5/3-BG-BL-GN	25	1513820000
APG 2.5/5-3BG-BL-GN	25	1513780000
Note		

Accessories

End plate	dark beige
Coding	
Cover	
Interlock	
Strain relief	
Marking tags	

Type	Qty.	Order No.
MCV APG 1.5	50	2485980000
APGCE	50	1514490000
APGPC 1.5	50	2482530000
APGLE 1.5	25	2482720000
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
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
Note		

Type	Qty.	Order No.
MCV APG 2.5	50	2035590000
APGCE	50	1514490000
APGPC 2.5	50	1514500000
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
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M MC NE WS	720	1792000000
Note		

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	

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 6...

6 mm²



8.1 x 24.3 x 51
3 / 6
0.5...6

In accordance with IEC 60947-7-1

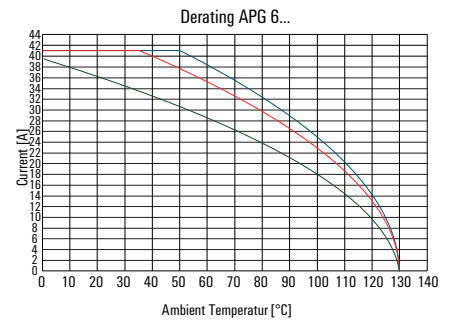
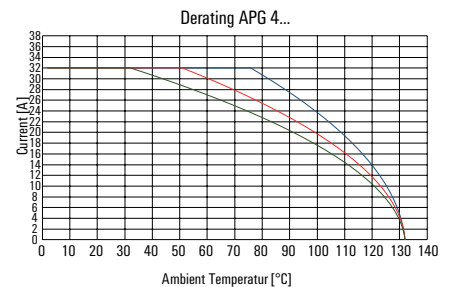
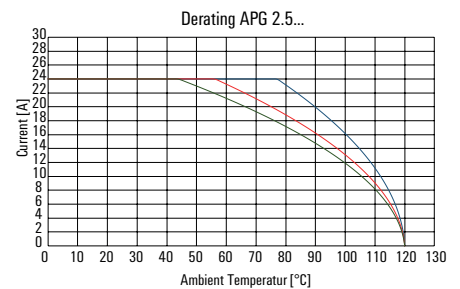
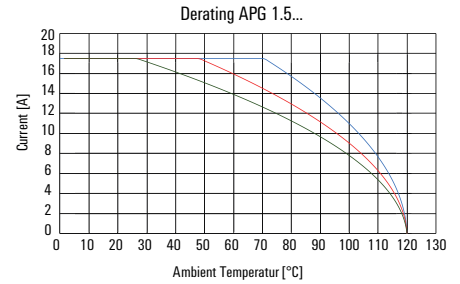
IEC	UL	CSA	EN 60079-7
500	600	300	
30	37	29	
6	AWG 22...8	AWG 22...8	
	8 kV / 3		
	A5 / V-0		



Rated connection	Plug-in connection
0.5...6 / 0.5...6	
0.5...6 / 0.5...6	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
APG 6/1	50	2762320000
APG 6/2	25	2882750000
APG 6/3	25	2882690000
APG 6/4	25	2829060000
APG 6/5	25	2882700000
APG 6/6	25	2882710000
APG 6/7	20	2882720000
APG 6/8	20	2882730000
APG 6/9	10	2882740000
APG 6/10	10	2829070000

Type	Qty.	Order No.
APGCE	50	1514490000
APGPC 6	20	2762410000
APGLE 6	20	2762400000
APGSR 6	20	2762390000
DEK 5/8 MC NE WS	800	1856740000



Spring connection with PUSH IN technology (A-Series)
Pluggable terminal blocks

Universal range

A

APG 1.5...

1.5 mm²



APG 2.5...

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

35 x 14 x 31.15
17.5 / 1.5
0.14...1.5

51 x 42.5 x 16.5
24 / 2.5
0.14...2.5

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
	6 kV / 3		
	A1 / V-0		
Rated connection		Plug-in connection	
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0 mm			
Note			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		
Rated connection		Plug-in 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	
	1-pole
	3-poles/2x beige, 1x green
	4-poles/3x beige, 1x green
	5-poles/4x beige, 1x green
	6-poles/5x beige, 1x green
	7-poles/6x beige, 1x green
	8-poles/7x beige, 1x green
	9-poles/8x beige, 1x green
Note	

Type	Qty.	Order No.
APG 1.5/3-2BG-GN	25	2719740000
APG 1.5/4-3BG-GN	25	2482450000
APG 1.5/5-4BG-GN	25	2719770000
APG 1.5/6-5BG-GN	25	2719780000
APG 1.5/7-6BG-GN	25	2719800000
APG 1.5/8-7BG-GN	20	2719810000
APG 1.5/10-9BG-GN	20	2719830000
Note		

Type	Qty.	Order No.
APG 2.5/3-2BG-GN	25	2712740000
APG 2.5/4-3BG-GN	25	1513790000
APG 2.5/5-4BG-GN	25	2712760000
APG 2.5/6-5BG-GN	25	2712770000
APG 2.5/7-6BG-GN	25	2712780000
APG 2.5/8-7BG-GN	20	2712790000
APG 2.5/10-9BG-GN	20	2712810000
Note		

Accessories

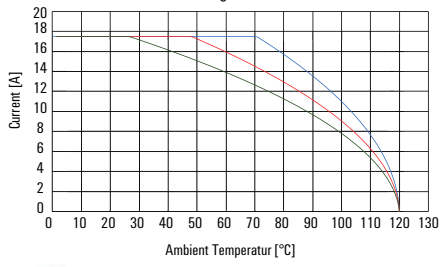
End plate	
	dark beige
Coding	
Cover	
Interlock	
Strain relief	
Marking tags	
WS 10/3.5 PLUS MC NE WS	960 2003760000
DEK 5/3.5 MM WS	1000 2007100000
DEK 5/3.5 PLUS MC NE WS	1600 2003750000
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
MCV APG 1.5	50	2485980000
APGCE	50	1514490000
APGPC 1.5	50	2482530000
APGLE 1.5	25	2482720000
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
Note		

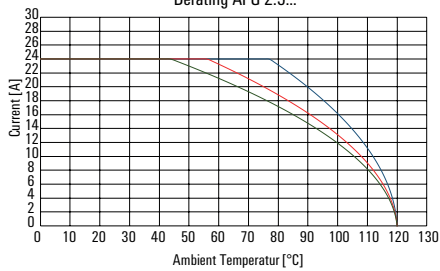
Type	Qty.	Order No.
MCV APG 2.5	50	2035590000
APGCE	50	1514490000
APGPC 2.5	50	1514500000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
Note		
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M MC NE WS	720	1792000000
For detailed information on other accessories and application in the online catalogue		



Derating APG 1.5...



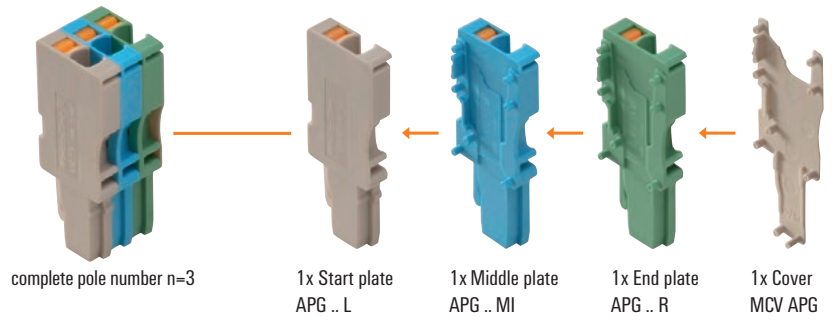
Derating APG 2.5...



Spring connection with PUSH IN technology (A-Series) Pluggable terminal blocks – Accessories

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).



Plug

- Single plates, plug APG 1.5 L
- Marking option

APG 1.5



Type	Qty.	Order No.
APG 1.5 L	50	2482250000
APG 1.5 L BL	50	2482260000
APG 1.5 L GN	50	2482270000
APG 1.5 MI	50	2482280000
APG 1.5 MI BL	50	2482290000
APG 1.5 MI GN	50	2482300000
APG 1.5 R	50	2482310000
APG 1.5 R BL	50	2482320000
APG 1.5 R GN	50	2482330000
MCV APG 1.5	50	2485980000

APG 2.5



Type	Qty.	Order No.
APG 2.5 L	50	1513830000
APG 2.5 L BL	50	1513840000
APG 2.5 L RD		2976160000
APG 2.5 L GN	50	1513850000
APG 2.5 MI	50	1513880000
APG 2.5 MI BL	50	1513900000
APG 2.5 MI RD		2976170000
APG 2.5 MI GN	50	1513930000
APG 2.5 R	50	1513940000
APG 2.5 R BL	50	1513950000
APG 2.5 R RD		2976180000
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

Ordering data
Single plates
Start plate
Middle plate
End plate
(8)
(9)
Cover
Note

Strain relief

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

APGSR

Strain reliefs



Type	Qty.	Order No.
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
APGSR 6	20	2762390000

Application



Ordering data
1.5 mm ²
1.5 mm ²
1.5 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
6.0 mm ²
Note

Protective cover

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

Ordering data

1.5 mm²
2.5 mm²
4.0 mm²
6.0 mm²

Note

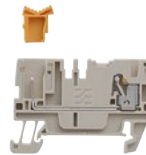
APGPC

Protective cover



Type	Qty.	Order No.
APGPC 1.5	50	2482530000
APGPC 2.5	50	1514500000
APGPC 4	50	2540960000
APGPC 6	20	2762410000

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
6.0 mm²

Note

APGLE

Locking element



Type	Qty.	Order No.
APGLE 1.5	25	2482720000
APGLE 2.5/4	25	2457570000
APGLE 6	20	2762400000

Application



PUSH IN terminal blocks with electronic components

Klippon® Connect A2T 2.5 EM

A

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.

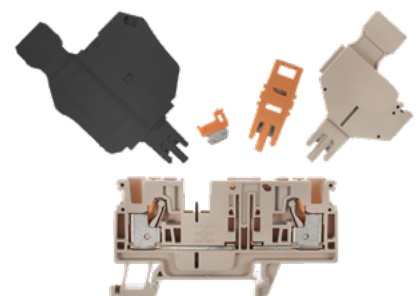
Our terminal blocks with integrated electronic components provide a space-saving way of integrating important functions into circuits. The standard portfolio includes terminals with integrated diodes, resistors, and LEDs. In addition, specific components can be selected and soldered into the terminal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

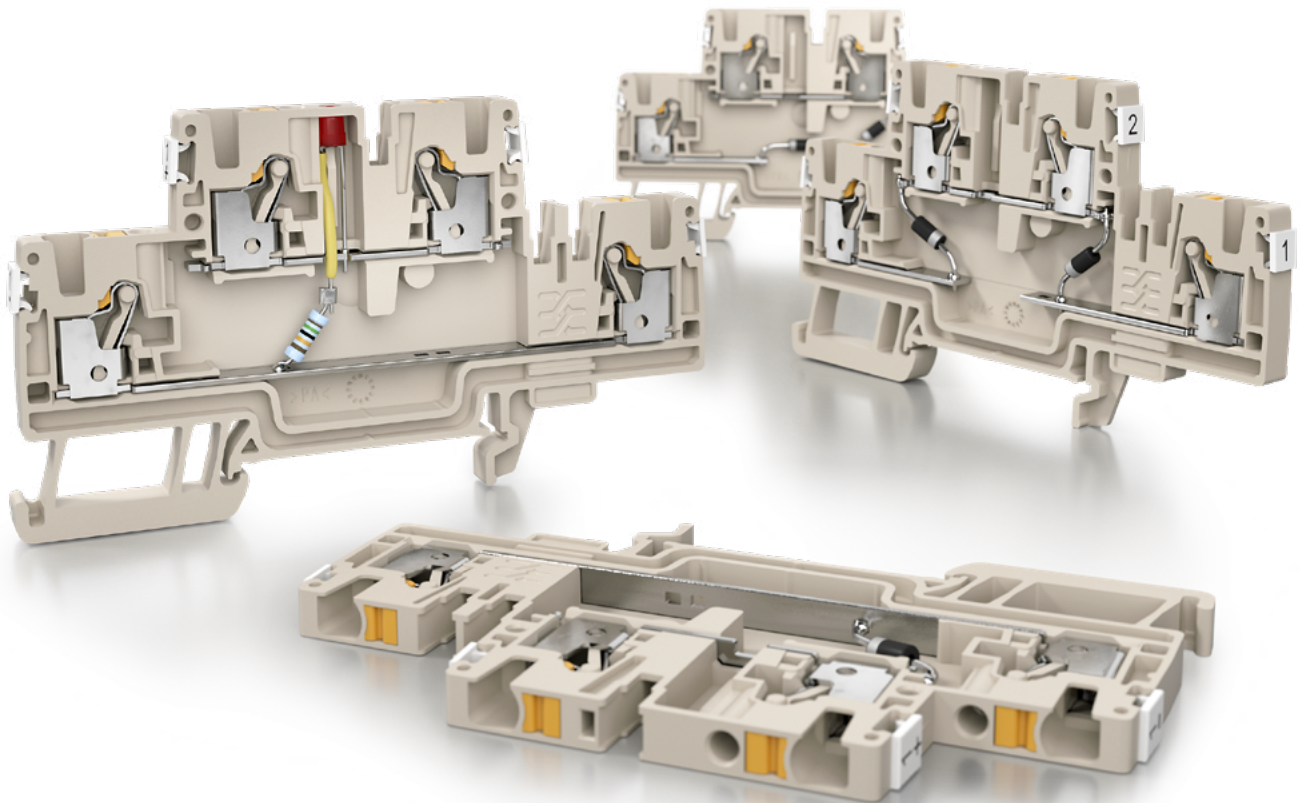
Your special advantages:

- 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

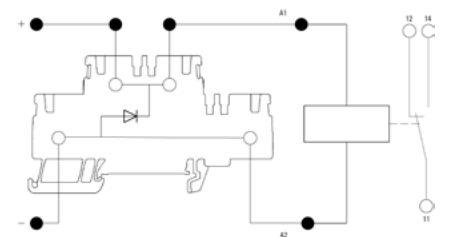
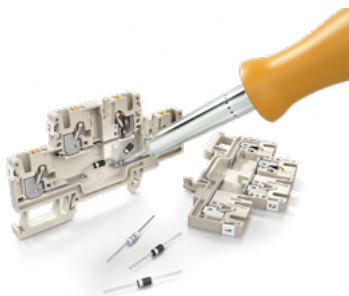
Electronic components can be integrated into the different versions of the basic modular terminal block in accordance with the specific application. Numerous, easily accessible contact points allow the components to be soldered in.

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.



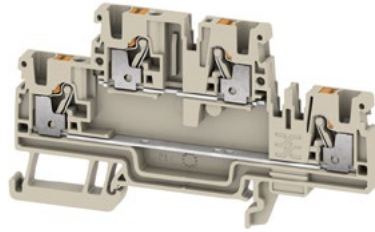
Spring connection with PUSH IN technology (A-Series)
Terminal blocks with electronic components

Universal range

A

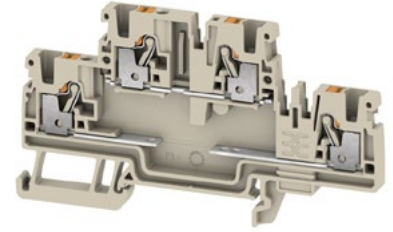
A2T 2.5 EM1 D/O

2.5 mm²



A2T 2.5 EM2 D/O

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 90 x 50.5	
10 / 4	
0.14...4	

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

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	

In accordance with IEC 60947-7-1

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	

Ordering data

Version	Empty housing
Note	

Type	Qty.	Order No.
A2T 2.5 EM1 D/O	50	2704330000

Type	Qty.	Order No.
A2T 2.5 EM2 D/O	50	2704360000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

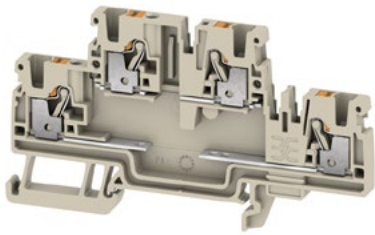
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5		
	20	1547690000
AEB 35 SC/1		
	50	1991920000
AEB 35 SCL/1 V0		
	20	2661280000
PS 2.0 MC		
	20	0310000000
SDIL 0,6X3,5X100		
	1	2749140000
DEK 5/5 PLUS MC NE WS		
	1000	1854490000
DEK 5/5 MM WS		
	800	2007110000
WS 8/5 MM WS		
	800	2007150000
SNAPMARK I		
	50	1805880000

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

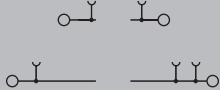
For detailed information on other accessories and application in the online catalogue

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

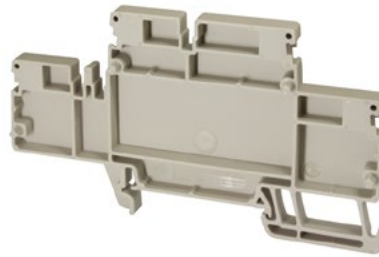
IEC	UL	CSA	EN 60079-7
500	300		
0.5	10		
2.5	AWG 28...12		
/ 3			
A3 / V-0			

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

ASP 2T 2.5



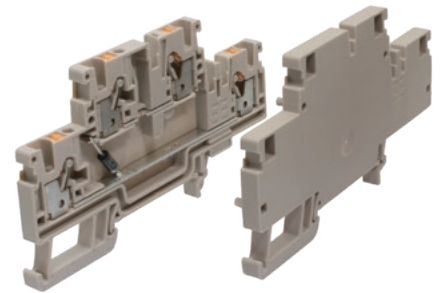
5.1 x 90 x 50.5

IEC	UL	CSA	EN 60079-7
/ V-0			

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



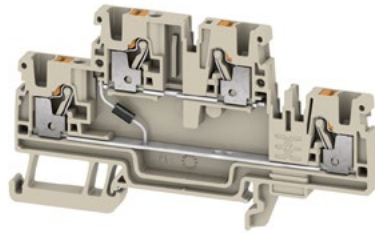
Spring connection with PUSH IN technology (A-Series)
Terminal blocks with electronic components

Universal range

A

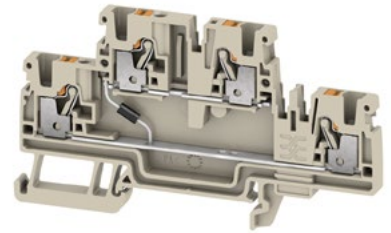
A2T 2.5 EM1 D/1

2.5 mm²



A2T 2.5 EM1 D/2

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Note	

In accordance with IEC 60947-1

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 /			

CE

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

In accordance with IEC 60947-1

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 /			

CE

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

Ordering data

Version	
	with 1 A diode
	with 3 A diode
Note	

Type	Qty.	Order No.
A2T 2.5 EM1 D/1	50	2704370000
A2T 2.5 EM1 D3/1	50	2820630000

Type	Qty.	Order No.
A2T 2.5 EM1 D/2	50	2704380000
A2T 2.5 EM1 D3/2	50	2820640000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

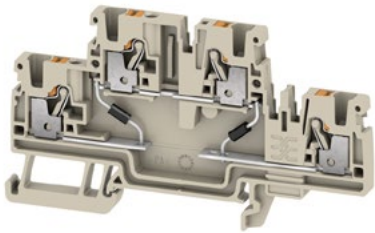
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SNAPMARK I	50	1805880000

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

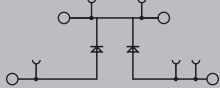
For detailed information on other accessories and application in the online catalogue

A2T 2.5 EM2 D/5

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 /			

CE

Rated connection

0.5...2.5 / 0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

1N4007

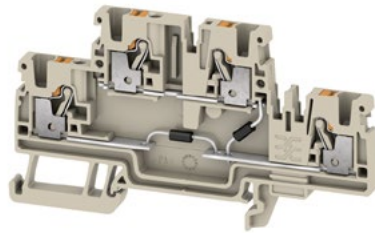
1A

1300V

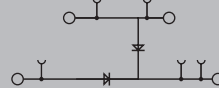
0.7V

A2T 2.5 EM2 D/6

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 /			

CE

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 EM2 D/5	50	2704390000

Type	Qty.	Order No.
A2T 2.5 EM2 D/6	50	2704400000

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	

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	



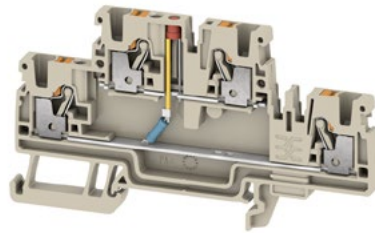
Spring connection with PUSH IN technology (A-Series)

Terminal blocks with electronic components

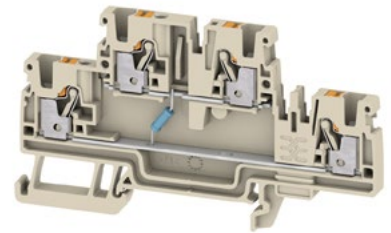
Universal range

A

A2T 2.5 EM1 24VUC LED RD/1 2.5 mm²



A2T 2.5 EM1 R 2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 90 x 50.5	
0.02 / 4	
0.14...4	

5.1 x 90 x 50.5	
1 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Component LED	
Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA
Component resistor	
Resistance	4.7kΩ
Power loss	0.4W
Tolerance (%)	1%
Note	

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

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

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30			
1			
2.5			
/ 3			
A3 / V-0			
Resistance /			

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

1.8kΩ	
500mW	
1%	

Ordering data

Version	
	with LED 24 V UC
	with resistor 1.8 kΩ
	with resistor 2.7 kΩ
	with resistor 22 kΩ
Note	

Type	Qty.	Order No.
A2T 2.5 EM1 24VUC LED RD/1	50	2704410000

Type	Qty.	Order No.
A2T 2.5 EM1 R 1K8	50	3030590000
A2T 2.5 EM1 R 2K7	50	3030600000
A2T 2.5 EM1 R 22K	50	3030610000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

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 VO	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

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 VO	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

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



Efficient assembly of terminal blocks

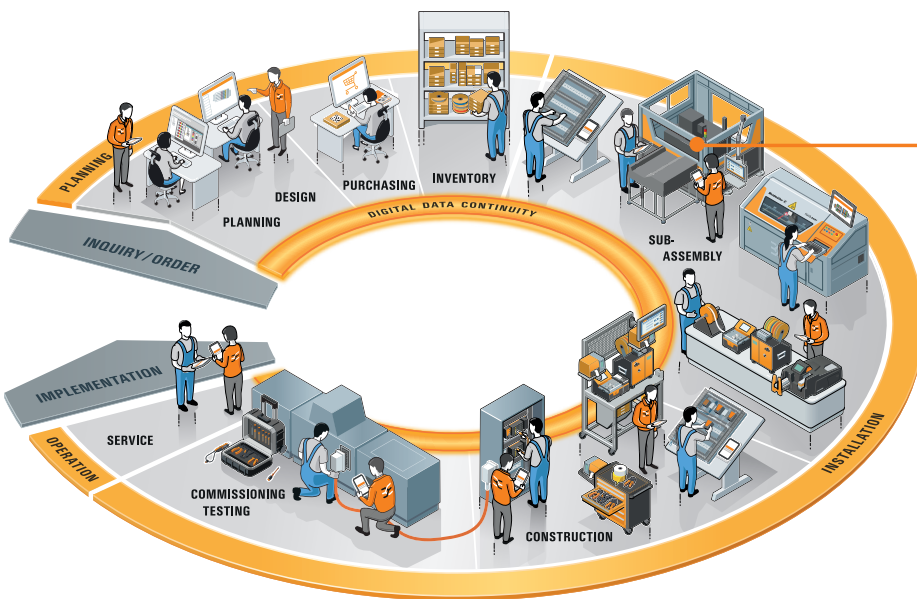
Klippon® Automated RailAssembler – effective time saving in control cabinet building

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



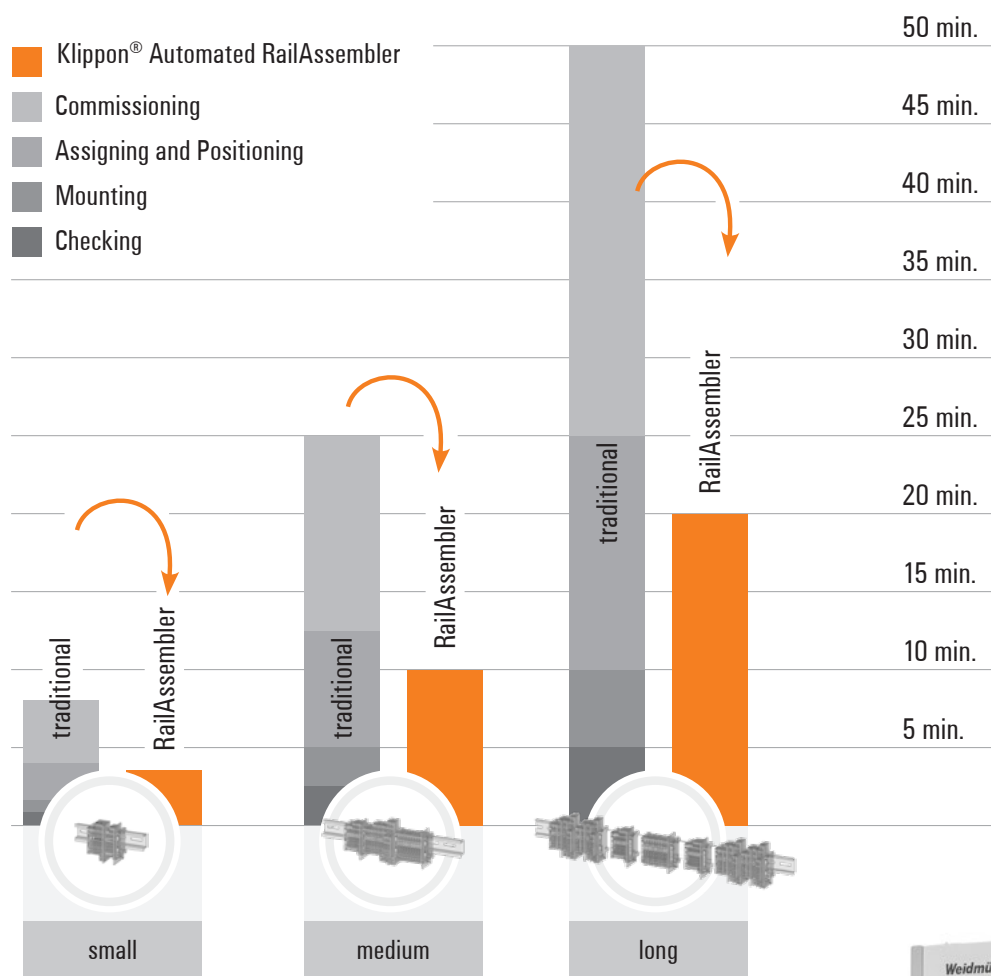
With Weidmüller, you have a powerful partner at your side who supports you with optimally coordinated solutions for your workshop in all phases. Based on many years of practical experience in all aspects of control cabinet construction, we offer you a comprehensive portfolio with which you can effectively accelerate your processes and increase your quality.

Discover your optimisation potential now:
www.weidmueller.com/workplace

Time savings up to
60%*

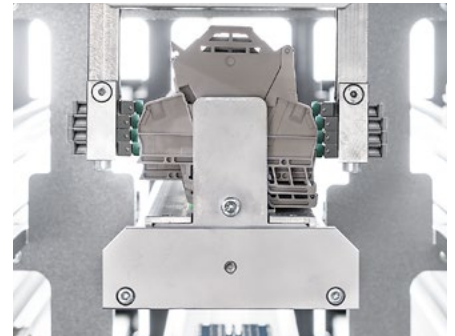
* or significantly more considering the unmanned operation

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

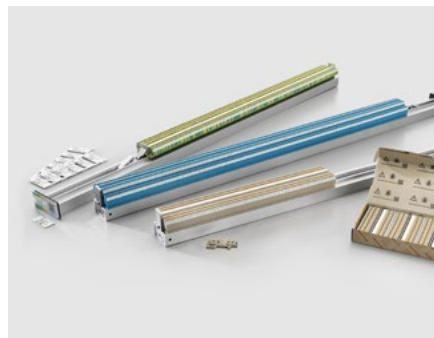
The universal magazines can be loaded with various components due to its universal design. Hereby maximum flexibility in operation is guaranteed. The machine has a total of 48 magazine positions for components as well as 20 positions for pre cut mounting rails.

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.

Perfect for
200.000
terminal blocks
per year



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

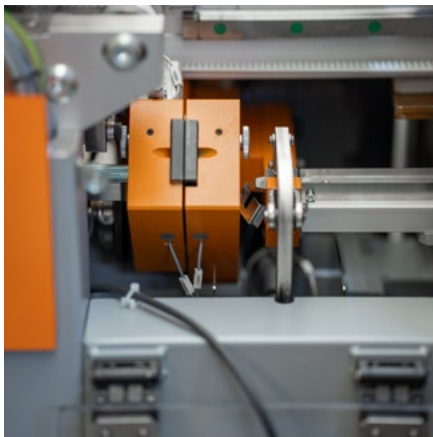
More technical details and further labelling systems can be found at our website.



Automatically, quickly and precisely cutting of mounting rails Klippon® Automated RailCutter

Optimal solutions for cabinet building manufacturers: With the Klippon® Automated RailCutter, time-consuming manual rail cutting is a thing of the past! This fully automatic machine cuts DIN rails with millimeter precision and, if desired, directly marks them – ensuring perfectly cut rails that fit seamlessly into the control cabinet.

The Klippon® Automated RailCutter receives all necessary data directly from the eCAD system via the Weidmüller Configurator (WMC), eliminating the need for manual operation. Each cut is executed quickly and accurately. As an extension of the Klippon® Automated RailAssembler, the RailCutter is the first and only solution for fully automated rail cutting.



Long-term Cost Efficiency

The automated rail cutting system optimizes your efficiency in a sustainable way. With a precise, electrically driven cutting mechanism, the system reduces scrap and minimizes errors. Additionally, production volumes can be easily and flexibly scaled thanks to automation – ensuring maximum efficiency and a future-proof investment.

Maximum transparency

The RailCutter applies a precise needle embossing on the backside of each DIN rail, ensuring they are always easily identifiable. This marking not only enhances traceability but also seamlessly supports further processing, such as by the Klippon® Automated RailLaser – ensuring a continuous and transparent process chain.

Minimised set-up times

The RailCutter processes DIN rails up to 2 meters in length fully automatically, with an impressive storage capacity of up to 88 meters. Compatible with TS 35 / 7.5 and TS 35 / 15, the RailCutter ensures an efficient workflow and saves valuable setup time.



Technical data

Supply voltage	400V AC / 6A through the RailAssembler
Machine dimensions (W x H x D)	1200 x 2000 x 2423 mm
Space requirement (W*D)	2423 x 2600 mm
Weight	885 kg
Interface	USB, Ethernet
Software	Weidmüller Configurator WMC
Permitted DIN rail types	TS 35/7,5 and TS 35/15 / 2m / Steel
DIN rail capacity	88 m
Length of cuts	100-1200 mm
Compressed air supply	6 bar / 0,025 m³/h through the RailAssembler

Technical data

Type	Order No.
RAILASSEMBLER INCL. RAILCUTTER	2994740000
RAILCUTTER RETROFIT*	2994760000
RAILASSEMBLER INCL. RAILCUTTER US VERSION	2994750000
RAILCUTTER STANDALONE US VERSION	2994780000

* Retrofitting to an existing RailAssembler

More technical details and further labelling systems can be found at our website.



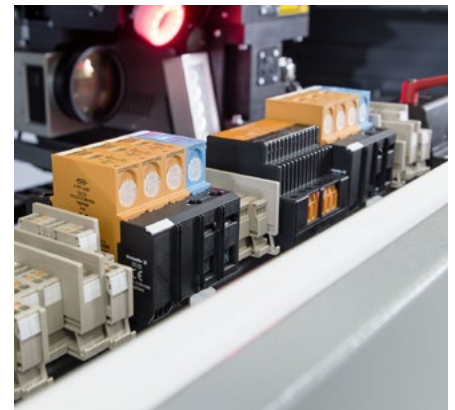
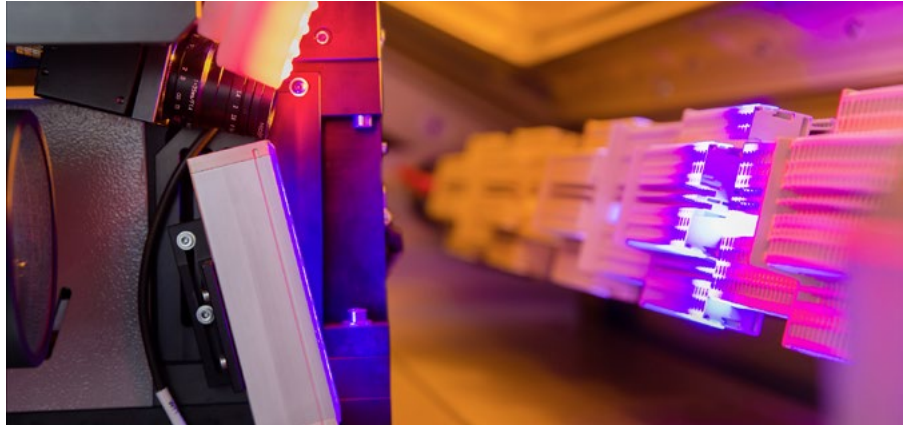
The perfect complement for our Klippon® Automated RailAssembler Klippon® Automated RailLaser

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.

Innovative technologies as well as a high-quality laser source ensure fast and precise marking results on a wide variety of materials. The Klippon® Automated RailLaser can be flexibly equipped with up to 3 mounting rails with a maximum total length of 1.20 meters. With time savings of up to 90%, labeling terminal strips reaches the next level of efficient marking.



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.

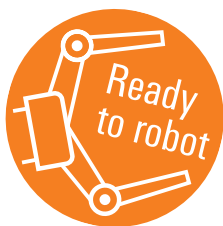


The perfect complement for our Klippon® Automated RailLaser Terminal blocks for the direct labeling

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 or S-Series terminal blocks. You benefit from the full optimisation potential of the Klippon® Automated RailLaser.

Our Klippon® Connect A-Series and S-Series has been designed to be ready-to-robot. Special features such as the gripper optimised outer contours ensure safe handling with a robot.



More technical details and an overview of the terminal blocks for direct labeling you can find in our web shop:
<https://eshop.weidmueller.com/c/group4504319565047>



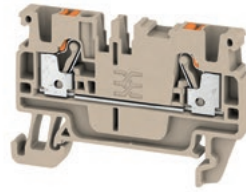
Spring connection with PUSH IN technology (A-Series)
Terminal blocks with integrated markers

Universal range

A

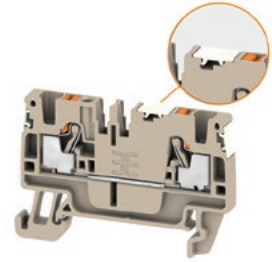
A2C 2.5

2.5 mm²



A2C 2.5 DL

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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	

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

Ordering data

Version	
	dark beige
	Blue
Note	

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

Type	Qty.	Order No.
A2C 2.5 DL	100	2674690000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

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

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

The perfect complement for our Klippon® Automated RailLaser Klippon® RailSnapper for direct mounting of DIN rails

The Klippon® RailSnapper: Your key to simple and secure fastening of your DIN rail. With the clever click mechanism, which is ensured by wing screws, we offer you maximum security for DIN rail mounting.

But that's not all – our low installation height allows you to mount with components already snapped on. This allows you to use the entire length of your DIN rail without any restrictions.

No more annoying cut-outs for fixing screws and unused space on your DIN rail. With the Klippon® RailSnapper you can optimize your processes and create valuable space in your cabinet.



More technical details and further information on our Klippon® RailSnapper can be found in our online catalog:
www.weidmueller.com/railsnapper



Fast Mounting Clip

FMC 5.2/1.0 SC

FMC 5.2/1.0 BR



Technical Data

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

Thread size	M3.5
Hole dimension / Drill hole	3.3 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

Ordering data

Variants with screw	
Variants with screw	
Variants with rivet	
Variants with rivet	

Type	Qty.	Order-No.
FMC 5.2/1.0 SC	100	2920530000
FMC 5.2/1.5 SC	100	2999800000

Type	Qty.	Order-No.
FMC 5.2/1.0 BR	100	2968380000
FMC 5.2/1.5 BR	100	2999810000

Spring connection with PUSH IN technology (A-Series)
Accessories

Universal range

A



Integrated partition plate

APP1



Dimensions	
Width / Height / Depth	mm
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	VPE	Order No.
APP 1	50	2488970000
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

matching terminals

APP2



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



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 ...		
AI021 1.5 SI		1992260000
AI021 1.5 SO		1992240000
AI021 1.5 SO-PE		1992250000
AI022 1.5 SI-PE		1992230000

Integrated partition plate

APP4



Dimensions	
Width / Height / Depth	mm
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
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



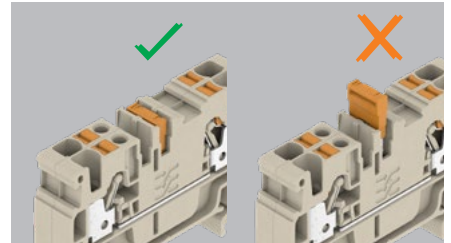
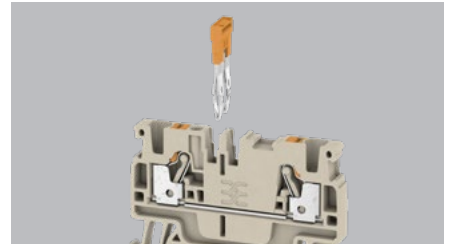
Weidmüller offers plug-in and screwed cross-connection systems for screw-connection terminal blocks. The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions. This also ensures that all poles always contact reliably.

Fitting and changing crossconnections

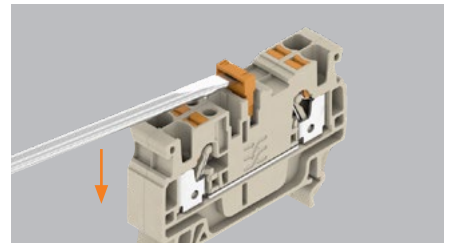
The fitting and changing of cross-connections is a trouble-free and fast operation:

- 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.)

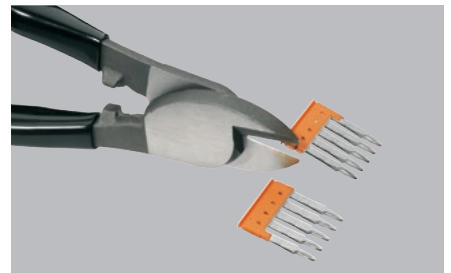


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

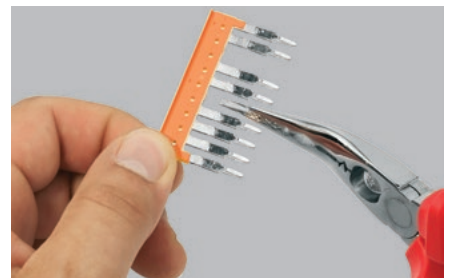
Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



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 I_{max} only with ALO 6

Output terminal	Cross-connection	Wire cross-section	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A3C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A4C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A2C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A3C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A4C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A

Output options and cross-connectors to use

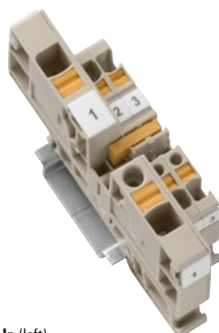
Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 16	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•
	A2C 4	ZQV 4N	•	•
	A3C 4	ZQV 4N	•	•
	A4C 4	ZQV 4N	•	•
	A2C 6	ZQV 6N	•	•
	A3C 6	ZQV 6N	•	•

Maximum current flow I_{max} at ALO 16 with cross-section 16 mm²

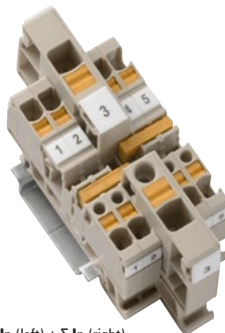
Output terminal	Cross-connection	Wire cross-section	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A2C 4	ZQV 4N	16 mm ²	76 A	76 A
A3C 4	ZQV 4N	16 mm ²	76 A	76 A
A4C 4	ZQV 4N	16 mm ²	76 A	76 A
A2C 6	ZQV 6N	16 mm ²	76 A	76 A
A3C 6	ZQV 6N	16 mm ²	76 A	76 A

Maximum current flow I_{max} at ALO 16 with cross-section 10 mm²

Output terminal	Cross-connection	Wire cross-section	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	10 mm ²	48 A	57 A
A3C 1.5	ZQV 1.5N	10 mm ²	48 A	57 A
A4C 1.5	ZQV 1.5N	10 mm ²	48 A	57 A
A2C 2.5	ZQV 2.5N	10 mm ²	57 A	57 A
A3C 2.5	ZQV 2.5N	10 mm ²	57 A	57 A
A4C 2.5	ZQV 2.5N	10 mm ²	57 A	57 A
A2C 4	ZQV 4N	10 mm ²	57 A	57 A
A3C 4	ZQV 4N	10 mm ²	57 A	57 A
A4C 4	ZQV 4N	10 mm ²	57 A	57 A
A2C 6	ZQV 6N	10 mm ²	57 A	57 A
A3C 6	ZQV 6N	10 mm ²	57 A	57 A



I_{max} = Σ I_n (left)



I_{max} = Σ I_n (left) + Σ I_n (right)

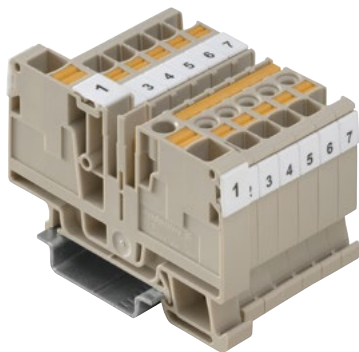


I_{max} = Σ I_n (right)

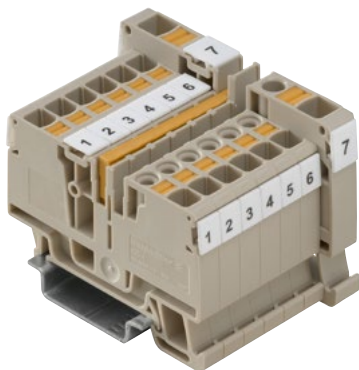
Supply with standard terminals

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



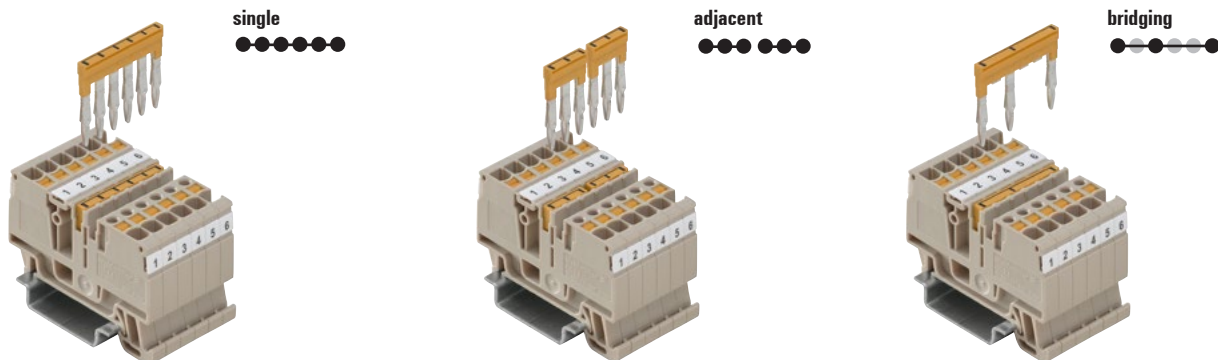
Supply options and corresponding cross-connections

Supply terminals		left											
		2.5 mm ²					4 mm ²					6 mm ²	
		A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
Output terminals right													
1.5 mm ²	A2C	ZOV 1.5N	•										
	A3C	ZOV 1.5N	•	•									
	A4C	ZOV 1.5N	•	•	•	•	•						
2.5 mm ²	A2C	ZOV 2.5N					•	•					
	A3C	ZOV 2.5N					•	•	•				
	A4C	ZOV 2.5N					•	•	•	•			
	ADT 2C	ZOV 2.5N					•	•	•	•			
AFS 2C CF	ZOV 2.5N					•	•	•	•	•			
4 mm ²	A2C	ZOV 4N										•	•
	A3C	ZOV 4N										•	•
	A4C	ZOV 4N										•	•
	ADT 2C	ZOV 4N										•	•
	AFS 2C	ZOV 4N										•	•

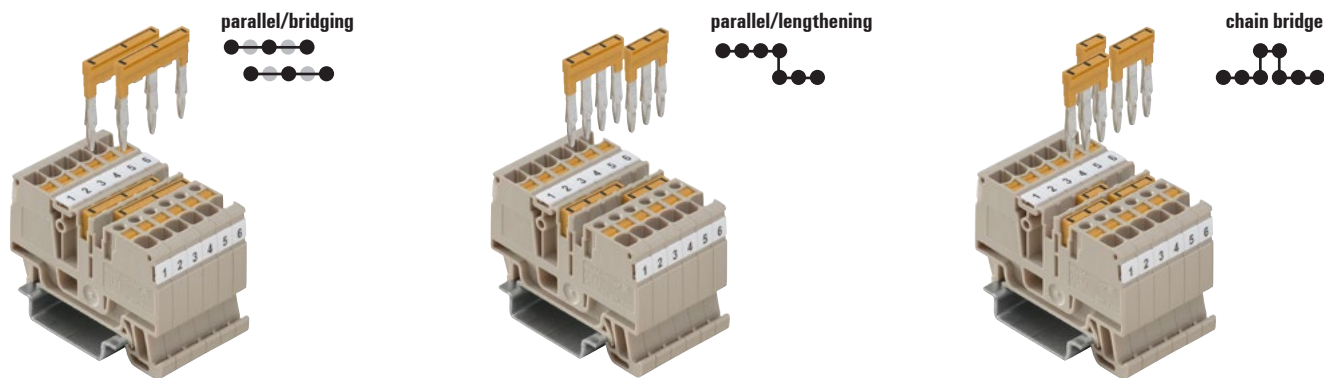
Supply terminals		right											
		2.5 mm ²					4 mm ²					6 mm ²	
		A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
Output terminals left													
1.5 mm ²	A2C	ZOV 1.5N	•	•	•	•	•						
	A3C	ZOV 1.5N		•	•	•	•						
	A4C	ZOV 1.5N			•	•	•						
2.5 mm ²	A2C	ZOV 2.5N					•	•					
	A3C	ZOV 2.5N					•	•	•				
	A4C	ZOV 2.5N						•	•	•			
	ADT 2C	ZOV 2.5N						•	•	•			
AFS 2C CF	ZOV 2.5N							•	•	•			
4 mm ²	A2C	ZOV 4N										•	•
	A3C	ZOV 4N										•	•
	A4C	ZOV 4N										•	•
	ADT 2C	ZOV 4N										•	•
	AFS 2C	ZOV 4N										•	•

Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Cross-section	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals	mm ²							
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

Universal range

A

ZQV 1.5N



ZQV 2.5N



ZQV 4N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2	60	1985410000	
ZQV 1.5N/3	60	1985480000	
ZQV 1.5N/4	60	1985490000	
ZQV 1.5N/5	20	1985500000	
ZQV 1.5N/6	20	1985510000	
ZQV 1.5N/7	20	1985520000	
ZQV 1.5N/8	20	1985540000	
ZQV 1.5N/9	20	1985560000	
ZQV 1.5N/10	20	1985580000	
ZQV 1.5N/20	20	1985600000	
ZQV 1.5N/50	5	1985620000	

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	

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	20	2883800000	
ZQV 4N/41	10	2883810000	
ZQV 4N/50	5	1528130000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2 BL	60	1985530000	
ZQV 1.5N/3 BL	60	1985550000	
ZQV 1.5N/4 BL	60	1985570000	
ZQV 1.5N/5 BL	20	1985590000	
ZQV 1.5N/6 BL	20	1985610000	
ZQV 1.5N/7 BL	20	1985630000	
ZQV 1.5N/8 BL	20	1985640000	
ZQV 1.5N/9 BL	20	1985660000	
ZQV 1.5N/10 BL	20	1985680000	
ZQV 1.5N/20 BL	20	1985700000	
ZQV 1.5N/50 BL	5	1985720000	

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	10	2883820000	
ZQV 4N/50 BL	5	1528240000	



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2 RD	60	1985650000	
ZQV 1.5N/3 RD	60	1985670000	
ZQV 1.5N/4 RD	60	1985690000	
ZQV 1.5N/5 RD	20	1985710000	
ZQV 1.5N/6 RD	20	1985730000	
ZQV 1.5N/7 RD	20	1985750000	
ZQV 1.5N/8 RD	20	1985770000	
ZQV 1.5N/9 RD	20	1985790000	
ZQV 1.5N/10 RD	20	1985800000	
ZQV 1.5N/20 RD	20	1985810000	
ZQV 1.5N/50 RD	5	1985820000	

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	10	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

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



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



Spring connection with PUSH IN technology (A-Series)
Accessories

Cross-connections according to
dimensions

ZQV 50/70N



ZQV 95/120N



ZQV 150/185N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
Note	

150		
Type	Qty.	Order No.
ZQV 50/70N/2	10	2663400000

192		
Type	Qty.	Order No.
ZQV 95/120N/2	10	2694250000
ZQV 95/120N/3	10	2694260000

232		
Type	Qty.	Order No.
ZQV 150/185N/2	5	2728840000
ZQV 150/185N/3	5	2728850000

Universal range

A



Cross-connections according to dimensions

ZQV 2.5N

ZQV 4N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 WT	60	2831560000	
ZQV 2.5N/3 WT	60	2831570000	
ZQV 2.5N/4 WT	60	2831580000	
ZQV 2.5N/5 WT	20	2831590000	
ZQV 2.5N/6 WT	20	2831600000	
ZQV 2.5N/7 WT	20	2831610000	
ZQV 2.5N/8 WT	20	2831620000	
ZQV 2.5N/9 WT	20	2831630000	
ZQV 2.5N/10 WT	20	2831640000	
ZQV 2.5N/20 WT	20	2831650000	
ZQV 2.5N/50 WT	5	2831660000	

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
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
41-poles	
50-pole	
Note	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 BK	60	2831670000	
ZQV 2.5N/3 BK	60	2831680000	
ZQV 2.5N/4 BK	60	2831690000	
ZQV 2.5N/5 BK	20	2831700000	
ZQV 2.5N/6 BK	20	2831710000	
ZQV 2.5N/7 BK	20	2831720000	
ZQV 2.5N/8 BK	20	2831730000	
ZQV 2.5N/9 BK	20	2831740000	
ZQV 2.5N/10 BK	20	2831750000	
ZQV 2.5N/20 BK	20	2831760000	
ZQV 2.5N/50 BK	5	2831770000	

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	



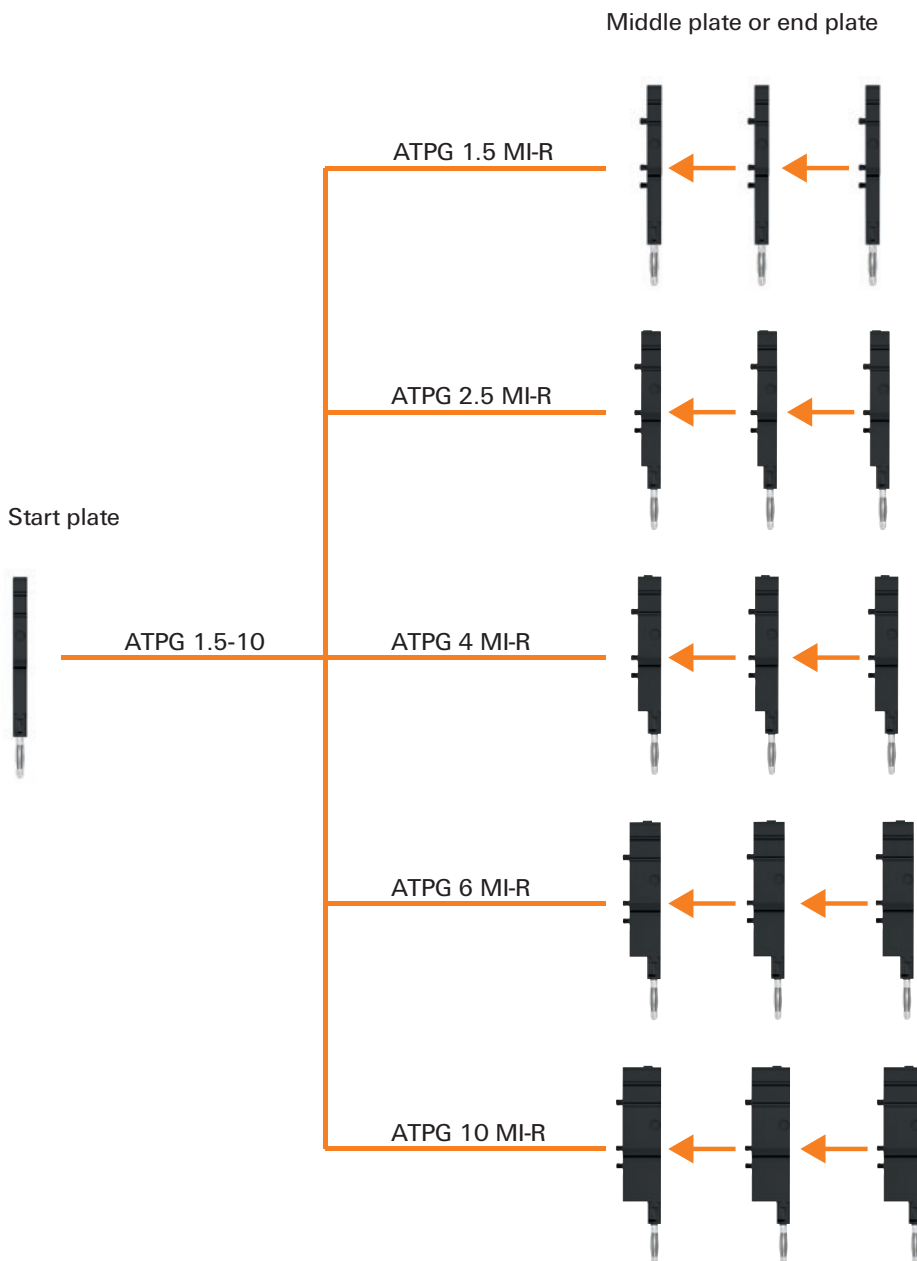
Test adapters for self-assembly:

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.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	3-pole
	5-pole
Note	

ATPG 1.5-10

Start plate



Width / Length / Height	mm	3.5 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 1.5-10 L	50	1991890000
Note		

ATPG 1.5 MI-R

Middle plate or end plate



Width / Length / Height	mm	3.5 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 1.5 MI-R	50	1991880000
Note		

ATPG 2.5 MI-R

Middle plate or end plate



Width / Length / Height	mm	5.1 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 2.5 MI-R	50	1991960000
ATPG 2.5/3	25	2041190000
ATPG 2.5/5	25	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.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	3-pole
	5-pole
Note	

ATPG 4 MI-R-10

Middle plate or end plate



Width / Length / Height	mm	6.1 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 4 MI-R	50	1991860000
Note		

ATPG 6 MI-R

Middle plate or end plate



Width / Length / Height	mm	7.9 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 6 MI-R	50	1991930000
Note		

ATPG 10 MI-R

Middle plate or end plate



Width / Length / Height	mm	9.9 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	0.5... 1.5 1.5
		0.5... 1.5 / 0.5... 1
Clamped conductors		
Solid / Stranded	mm ²	0.5... 1.5 1.5
Flexible / Flexible with ferrule	mm ²	0.5... 1.5 / 0.5... 1
Ordering data		
Type	Qty.	Order No.
ATPG 10 MI-R	50	1991870000
Note		





AAM 1.5 YE FLASH



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2
Ordering data	
	yellow
Note	

Dimensions			
Width / Height / Depth	mm	2,5 / 52,67 / 36,15	
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	
Note			

AAM 2.5 YE FLASH



Dimensions			
Width / Height / Depth	mm	2,5 / 75,51 / 45,15	
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	
Note			

AAM 4 YE FLASH



Dimensions			
Width / Height / Depth	mm	2,5 / 52,67 / 36,15	
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	
Note			

AAM 6 YE FLASH



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2
Ordering data	
	yellow
Note	

Dimensions			
Width / Height / Depth	mm	2,5 / 75,51 / 45,15	
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 FLASH	40	2635570000	
Note			

AAM 10 YE FLASH

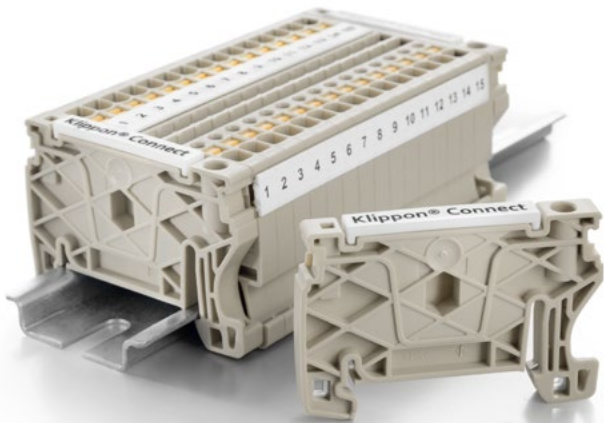


Dimensions			
Width / Height / Depth	mm	2,5 / 52,67 / 36,15	
Continuous operating temp., min.		-40 °C	
Continuous operating temp., max.		100 °C	
Material		polyamide	
UL 94 flammability rating		V-2	
Ordering data			
Type	Qty.	Order No.	
AAM 10 YE FLASH	40	2635580000	
Note			

AAM 16 YE FLASH



Dimensions			
Width / Height / Depth	mm	2,5 / 75,51 / 45,15	
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	
Note			



End bracket

AEB 35 SCL/1 VO ...

AEB 35 SCL/1 VO ... DL



Dimensions

Continuous operating temp., min.
Continuous operating temp., max.
Material
UL 94 flammability rating

-40 °C
100 °C
polyamide
V-0

Ordering data

dark beige
light grey
black

Type	Qty.	Order No.
AEB 35 SCL/1 VO	50	2661280000
AEB 35 SCL/1 VO GY	50	2661290000
AEB 35 SCL/1 VO BK	50	2661300000

Note

-40 °C
100 °C
Polyamid
V-0

Type	Qty.	Order No.
AEB 35 SCL/1 VO DL	50	2570240000
AEB 35 SCL/1 VO GY DL	50	2570260000
AEB 35 SCL/1 VO BK DL	50	2570250000

SnapMark- Marker for multi-tier terminals

SNAPMARK 1

SNAPMARK 1.5



Dimensions

width / height / depth mm
Continuous operating temperature, min.
Continuous service temperature, max.
Material
Flammability class according to UL 94

5.1 / 8 / 5.8
-40 °C
100 °C
polyamide
V-2

Ordering data

Type	Qty.	Order No.
SNAPMARK I	50	1805880000

Note

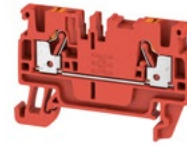
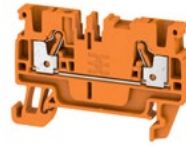
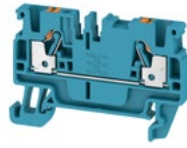
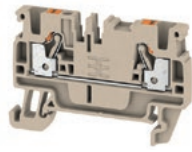
3.5 / 6.2 / 4.8
-40 °C
100 °C
polyamide
V-2

Type	Qty.	Order No.
SNAPMARK I.5	40	2682080000

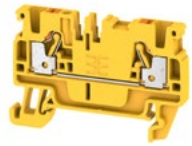


Spring connection with PUSH IN technology (A-Series)

Overview



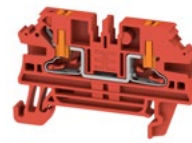
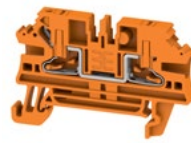
Type	Order No. beige	Order No. blue BL	Order No. orange OR	Order No. red RD
1.5 mm ²	A2C	1552790000	1552820000	2508020000
	A3C	1552740000	1552770000	2534500000
	A4C	1552690000	1552700000	2534430000
2.5 mm ²	A2C	1521850000	1521880000	1521900000
	A3C	1521740000	1521780000	1521800000
	A4C	1521690000	1521700000	1521710000
4 mm ²	A2C	2051180000	2051210000	2051220000
	A3C	2051240000	2051280000	2051300000
	A4C	2051500000	2051520000	2051530000
6 mm ²	A2C	1992110000	1991790000	-
	A3C	1991820000	1991830000	-



Type	Order No. yellow YL	Order No. green GN	Order No. white WT	Order No. black BK
1.5 mm ²	A2C	2508190000	2508210000	2508170000
	A3C	2534520000	2534480000	2534230000
	A4C	2534450000	2534410000	2534260000
2.5 mm ²	A2C	1521940000	1521950000	1521980000
	A3C	1521840000	1521870000	1521920000
	A4C	1521730000	1521770000	1521820000
4 mm ²	A2C	2051250000	2051260000	2051310000
	A3C	2051340000	2051350000	2051400000
	A4C	2051550000	2051580000	2051660000
6 mm ²	A2C	-	-	-
	A3C	-	-	-



Type	Order No. light grey LTGY	Order No. dark blue DBL	Order No. brown BR	Order No. violet VT
1.5 mm ²	A2C	2508220000	2508180000	-
	A3C	2534490000	2534540000	-
	A4C	2534420000	2534470000	-
2.5 mm ²	A2C	2003110000	2508000000	2876640000
	A3C	2003120000	2534690000	3103560000 (A4C 2.5 VT)
	A4C	2003130000	2534740000	-
4 mm ²	A2C	2051330000	2534380000	-
	A3C	2051460000	2534360000	-
	A4C	2051670000	2534400000	-
6 mm ²	A2C	-	-	-
	A3C	-	-	-



Type	
2.5 mm ²	AL2C
	AL3C
	AL4C
4 mm ²	AL2C
	AL3C
	AL4C

Order No. beige
2847200000
2847330000
2847460000
2847710000
2847720000
2847730000

Order No. blue BL
2847210000
2847340000
2847470000
2871870000
2871990000
2872110000

Order No. orange OR
2847240000
2847370000
2847500000
2871900000
2872020000
2872140000

Order No. red RD
2847230000
2847360000
2847490000
2871890000
2872010000
2872130000



Type	
2.5 mm ²	AL2C
	AL3C
	AL4C
4 mm ²	AL2C
	AL3C
	AL4C

Order No. yellow YL
2847290000
2847420000
2847550000
2871950000
2872070000
2872190000

Order No. green GN
2847250000
2847380000
2847510000
2871910000
2872030000
2872150000

Order No. white WT
2847280000
2847410000
2847540000
2871940000
2872060000
2872180000

Order No. black BK
2847270000
2847400000
2847530000
2871930000
2872050000
2872170000



Type	
2.5 mm ²	AL2C
	AL3C
	AL4C
4 mm ²	AL2C
	AL3C
	AL4C









Order No. light grey LTGY
2847300000
2847430000
2847560000
2871960000
2872080000
2872200000

Order No. dark blue DBL
2847220000
2847350000
2847480000
2871880000
2872000000
2872120000

Order No. brown BR
2847310000
2847440000
2847570000
2871970000
2872090000
2872210000

Order No. violet VT
2847260000
2847390000
2847520000
2871920000
2872040000
2872160000

Application range

Application range	Application fields in the panel	B.2
	Power feed-in	B.4
	PUSH IN connection	B.6
	Power distribution	B.26
	Hybrid connection	B.28
	PUSH IN connection	B.30
	Control voltage distribution	B.32
	PUSH IN connection	B.34
	Signal wiring	B.54
	PUSH IN connection	B.56
	Signal marshalling	B.58
	PUSH IN connection	B.60
	Building installation wiring	B.64
	PUSH IN connection	B.66
	Instrument transformer wiring	B.88
	TTB Range	B.90
	Shielding and earthing	B.108
	Functional earth	B.111

Panel building requires innovative ideas

Klippon® Connect delivers pioneering connectivity solutions

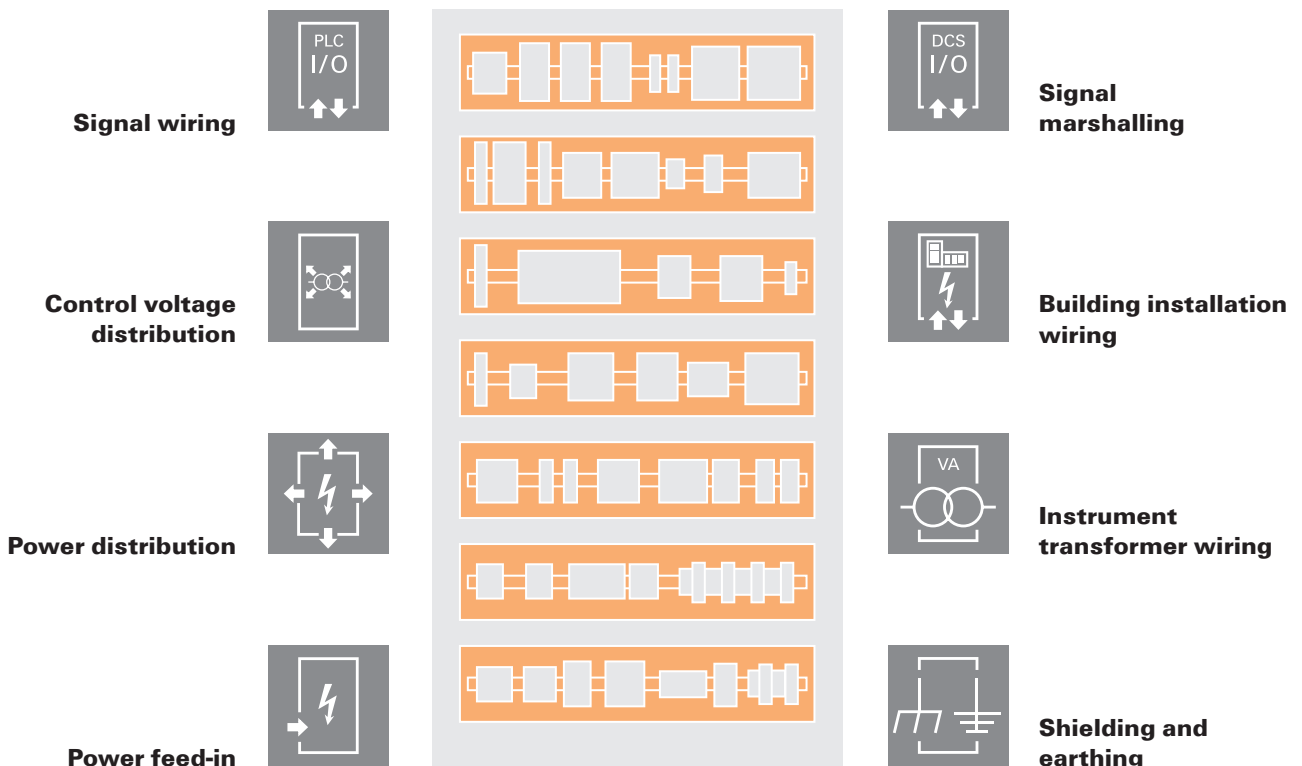
While panels are indeed configured individually, various recurring application fields within the panel are a permanent fixture in almost all industries.

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.

B





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.



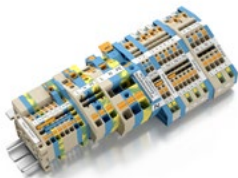
Signal wiring

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.



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.



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.



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.

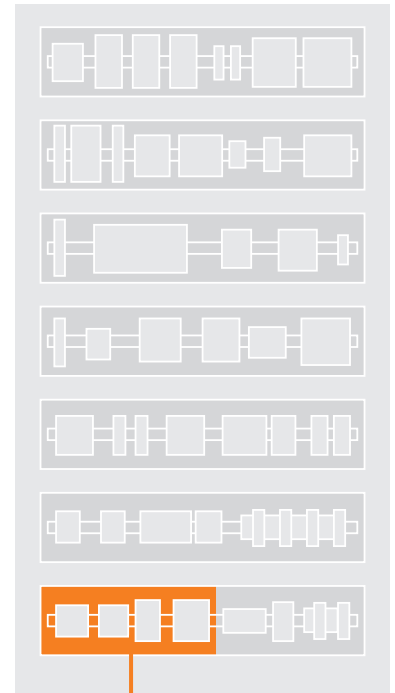
Reliable and efficient power supply

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.

B 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.





Safety

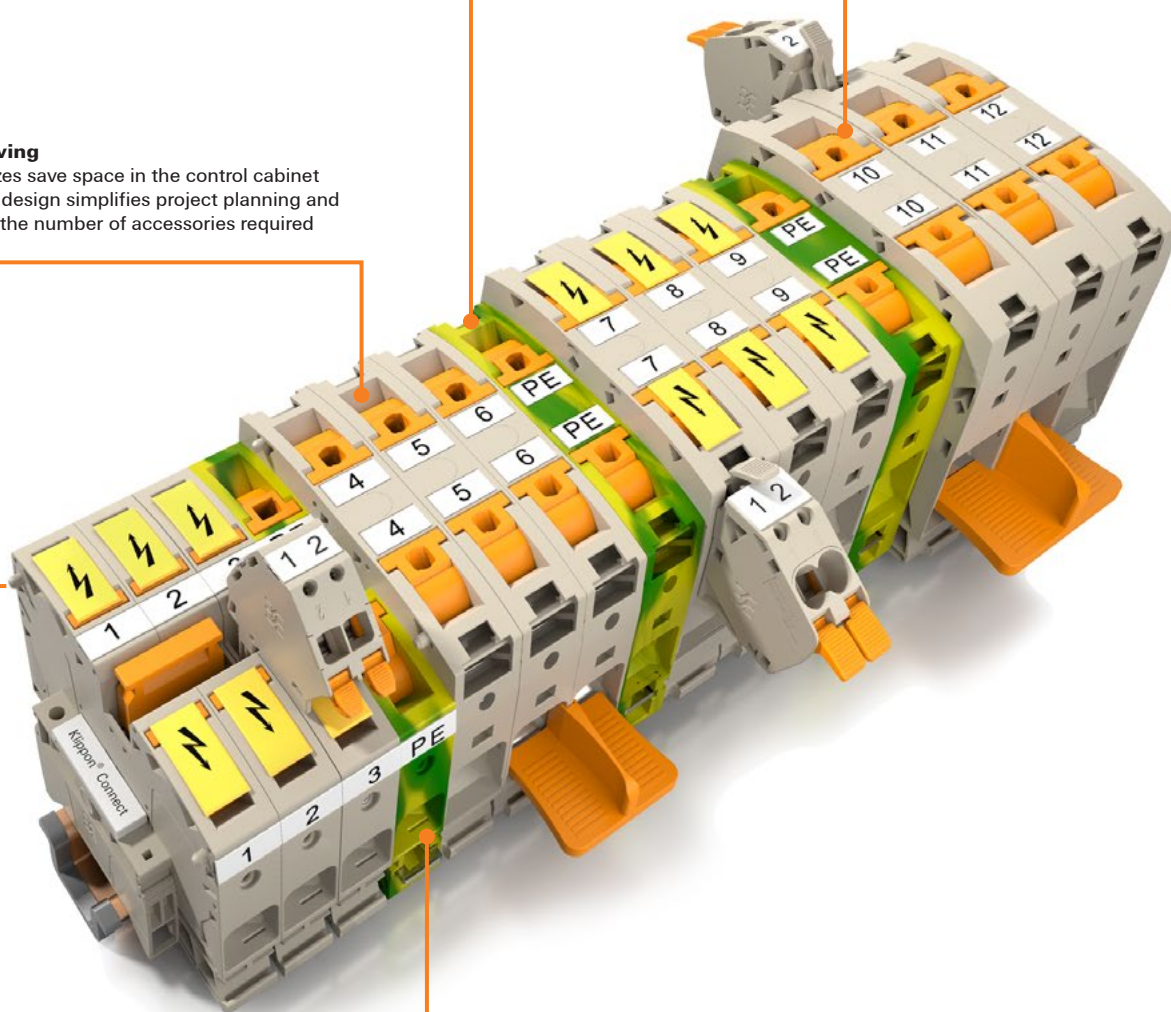
- Innovative and intuitive PUSH IN Power connection ensures a safe, gas-tight and vibration-proof connection of the conductor
- Marking of external voltage with additional markers

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



Time saving

- Reduced wiring effort, as the terminal blocks are always delivered with open connection points
- Innovative and intuitive PUSH IN Power connection

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

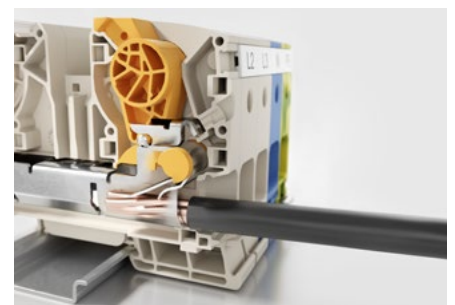
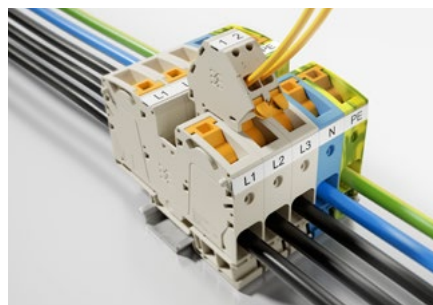
Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

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 mm² to 185 mm² ensures maximum contact forces.





Efficient potential distribution

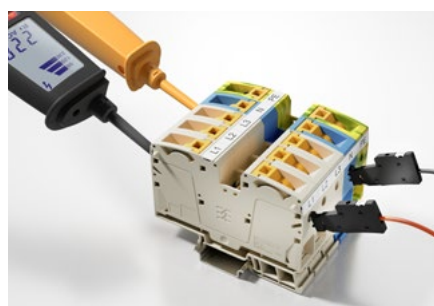
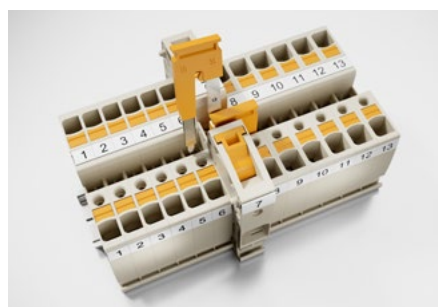
Step-down bridges allow potential distribution to cross-sections of 10 mm² and 16 mm². Additional power distributions implement quickly into the panel while avoiding additional wiring.

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

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

A2C 35

35 mm²



16 x 101.5 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 mm ²
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			
Note			

Type	Qty.	Order No.
A2C 35	10	2551510000
A2C 35 BL	10	2552090000
Note		

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 VO	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 35 FE

35 mm²



16 x 101.5 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 mm ²
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			
Note			

Type	Qty.	Order No.
A2C 35 FE	10	2551530000
Note		

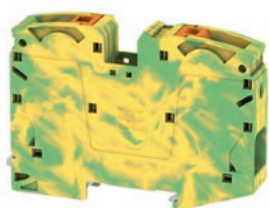
Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

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



A2C 35 PE

35 mm²



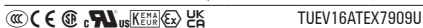
16 x 101 x 71.5
/ 35
2.5...35



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000 / 1500	1000		
35	AWG 12...2	AWG 12...2	35 mm ²

/ 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



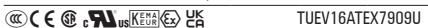
16 x 135 x 71.5
125 / 35
2.5...35



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 mm ²

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



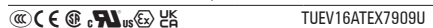
16 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

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

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
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	



**Power feed-in
PUSH IN connection**

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	dark beige, blue
	dark beige, black/yellow
	dark beige, blue, black/yellow
	dark beige, green/yellow
	dark beige, blue, green/yellow
Note	

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

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

A2C 35 3FT

35 mm²



48 x 101.5 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 mm ²
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			
Note			

Type	Qty.	Order No.
A2C 35 3FT	1	2552100000
A2C 35 3FT-N	1	2552130000
Note		

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

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

A2C 35 3FT-FE

35 mm²



64 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 mm ²
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			
Note			

Type	Qty.	Order No.
A2C 35 3FT-FE	1	2552110000
A2C 35 3FT-N-FE	1	2552140000
Note		

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

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

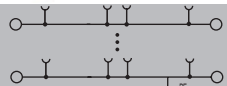


A2C 35 3FT-PE

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 mm ²
8 kV / 3 / V-0			

CE, c, RU, US, UK, CA TÜV16ATEX7909U

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-NPE	1	2551540000

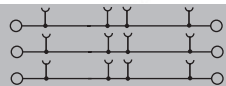
Type	Qty.	Order No.
ZQV 35N/2	125 A	10 2634950000
ZQV 35N-10	57 A	10 2562670000
ZQV 35N-16	76 A	10 2562660000
AAC 35 2X6	41 A	5 2583090000
AAC 35 2X6 BL	41 A	5 2583170000
AAC 35 2X6 BK-YL	41 A	5 2583190000
AAC 35 2X6 GN-YL	41 A	5 2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 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 mm ²
8 kV / 3 / V-0			

CE, c, RU, US, UK, CA TÜV16ATEX7909U

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

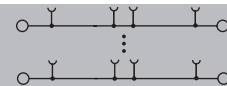
Type	Qty.	Order No.
ZQV 35N/2	125 A	10 2634950000
ZQV 35N-10	57 A	10 2562670000
ZQV 35N-16	76 A	10 2562660000
AAC 35 2X6	41 A	5 2583090000
AAC 35 2X6 BL	41 A	5 2583170000
AAC 35 2X6 BK-YL	41 A	5 2583190000
AAC 35 2X6 GN-YL	41 A	5 2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 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 mm ²
8 kV / 3 / V-0			

CE, c, RU, US, UK, CA TÜV16ATEX7909U

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-NFE 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

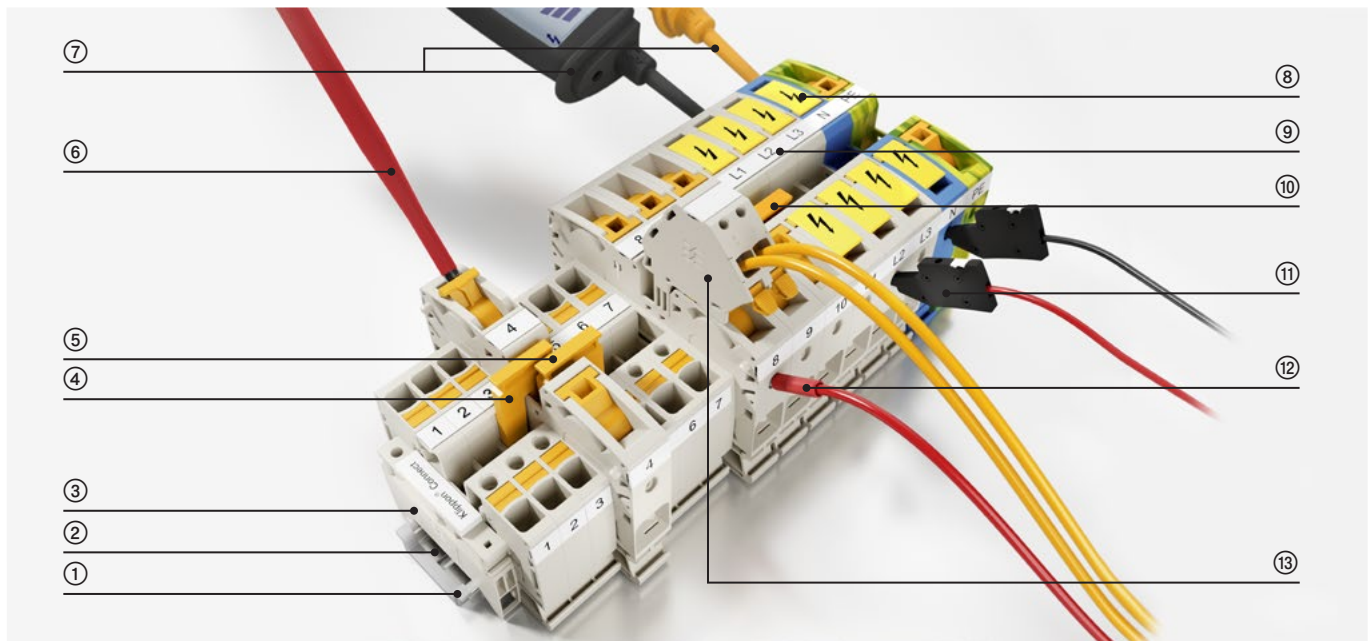


Mounting in compliance with norms

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.

B



Innovative PUSH IN-Power connection

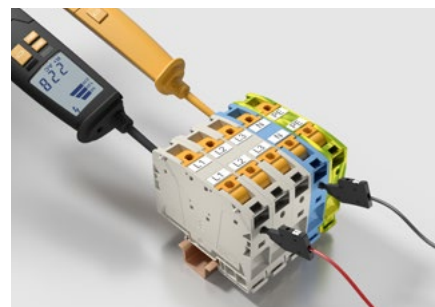
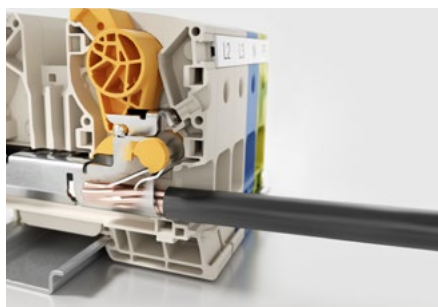
With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm² to 185 mm² ensures maximum contact forces.

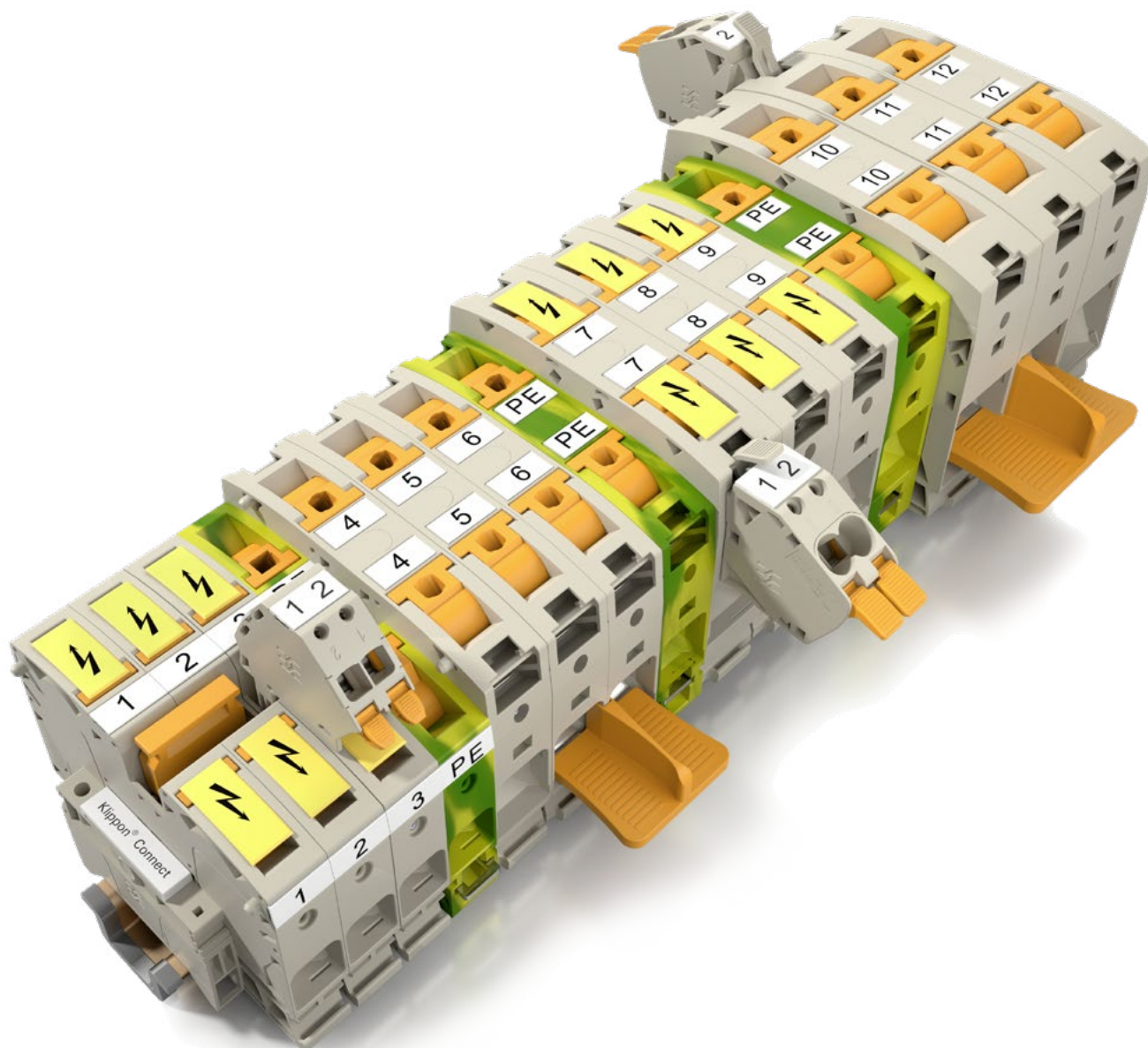
Pre-assembled blocks

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.

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 mm² to 185 mm² and ensure a streamline portfolio of accessories.





Identification of external voltage

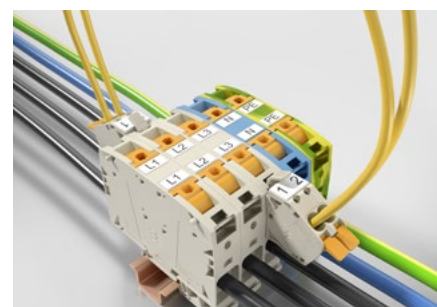
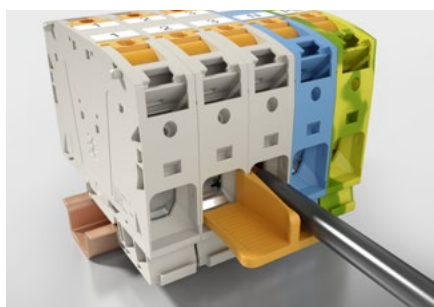
Large-area marker tags direct attention to an external voltage applied. Fixation of the flash markers in the connection areas of 35 mm² to 185 mm² also prevents circuitry in the live state. This ensures greater safety for man and machine.

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Cross connections insertable	
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

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	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²

8 kV / 3

/ V-0

CE, UL, CSA, EN, TÜV, VDE, IEC, UK, TÜVEV16ATEX7909U

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	5	2663250000
A2C 50/70 BL	5	2663260000

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
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 FE

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	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²

8 kV / 3

/ V-0

CE, UL, CSA, EN, TÜV, VDE, IEC, UK, TÜVEV16ATEX7909U

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	5	2663270000

Type	Qty.	Order No.
ZQV 50/70N/2	150 A 10	2663400000
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 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	70 mm ²
/ 3			
/ V-0			

TUEV16ATEX7909U

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 PE	5	2663280000

For 50 - 185 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

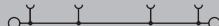
Type	Qty.	Order No.	
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

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	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			

TUEV16ATEX7909U

Rated connection

10...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

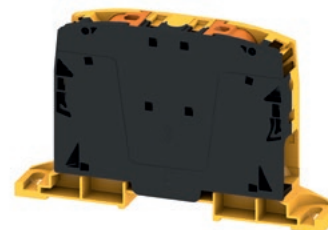
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

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

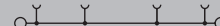
Type	Qty.	Order No.	
ZQV 50/70N/2	150 A	10	2663400000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 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	1100
150	175	175	128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			

TUEV16ATEX7909U

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
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**

Application range

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Cross connections insertable	
	2-pole
	3-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

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

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	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm ²
8 kV / 3 / V-0			
TUEV16ATEX7909U			
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.
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
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

95 mm²



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

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²
8 kV / 3 / V-0			
TUEV16ATEX7909U			
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.			

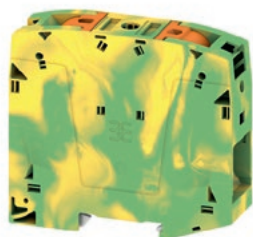
Type	Qty.	Order No.
A2C 95/120 FE	5	2694080000

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

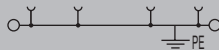
For detailed information on other accessories and application in the online catalogue

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	AWG 4...0	120 mm ²
/ 3			
/ V-0			

TÜEV16ATEX7909U

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 should be used.

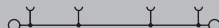
Type	Qty.	Order No.	
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 1.0X5.5X150	1	2749380000	
AAM 35-185 YE FLASH	40	2635600000	
WS-A 8/16 MM WS	200	2619910000	

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	600	1100
232	255	255	211
95	AWG 4...250	AWG 4...250	120 mm ²
8 kV / 3			
/ V-0			

TÜEV16ATEX7909U

Rated connection

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

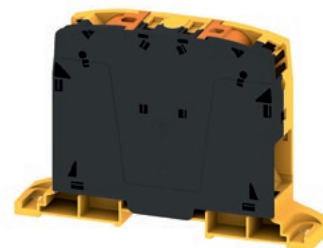
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 95/120-DM	5	2694150000
A2C 95/120 BL-DM	5	2694160000

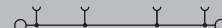
Type	Qty.	Order No.	
ZQV 95/120N/2	192 A	10	2694250000
ZQV 95/120N/3	192 A	10	2694260000
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL	57 A	5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC	20	0310000000	
SDS 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			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²
8 kV / 3			
/ V-0			

TÜEV16ATEX7909U

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	



**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
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

31 x 118 x 98	
309 / 185	
50...185	

31 x 118 x 98	
309 / 185	
50...185	

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			
TUEV16ATEX7909U			
Rated connection			
50...150 / 50...185			
50...185 / 50...150			
40 / 1.0 x 5.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			
Rated connection			
50...150 / 50...185			
50...185 / 50...150			
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.

Ordering data

Version	
	dark beige
	Blue
	yellow/black
Note	

Type	Qty.	Order No.
A2C 150/185	5	2728700000
A2C 150/185 BL	5	2728710000

Type	Qty.	Order No.
A2C 150/185 FE	5	2728720000

Accessories

Cross connections insertable	
	2-pole
	3-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

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
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

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

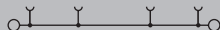
For detailed information on other accessories and application in the online catalogue

A2C 150/185-DM

150 mm²



31 x 151 x 98
309 / 185
50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			

CE, UL, UK, CA, TÜEV16ATEX7909U

Rated connection

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

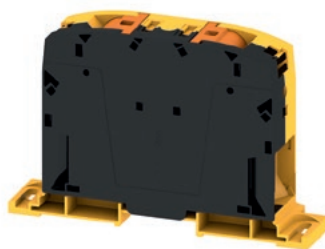
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

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

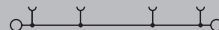
Type	Qty.	Order No.
ZQV 150/185N/2	232 A	5 2728840000
ZQV 150/185N/3	232 A	5 2728850000
AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	57 A	5 2663440000
ATPG 1.5-10 L	0.2 A	50 1991890000
PS 2.0 MC	20	0310000000
SDS 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



31 x 151 x 98
309 / 185
50...185



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000 / 1500	600		1100
309	310		272
150	AWG 2...350		185 mm ²
8 kV / 3			
B13 / V-0			

CE, UL, UK, CA, TÜEV16ATEX7909U

Rated connection

50...150 / 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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V/V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
Clamping range 50 mm² / 70 mm²	
	dark beige
	dark beige, blue
	dark beige, black/yellow
	dark beige, blue, black/yellow
Clamping range 95 mm² / 120 mm²	
	dark beige
	dark beige, blue
	dark beige, black/yellow
	dark beige, blue, black/yellow
Note	

Accessories

Additional tap	dark beige
	blue
	black/yellow
	green/yellow
End bracket	dark beige, screwable
Screwdriver	Standard
Warning labels	
Marking tags	

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

A2C ... 3FT

50 mm²



60 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...16 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

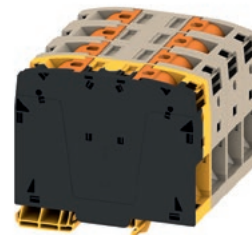
If a cross-connection is mounted next to a PE terminal block or a terminal block for direct mounting, the rated voltage is reduced to 1000 V DC.

Type	Qty.	Order No.
A2C 50/70 3FT	1	2663320000
A2C 50/70 3FT-N	1	2663300000
A2C 95/120 3FT	1	2694140000
A2C 95/120 3FT-N	1	2694120000
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
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C ... 3FT-FE

50 mm²



80 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...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 3FT-FE	1	2663310000
A2C 50/70 3FT-N-FE	1	2663290000
A2C 95/120 3FT-FE	1	2694130000
A2C 95/120 3FT-N-FE	1	2694100000
You will find the technical data on the individual products.		

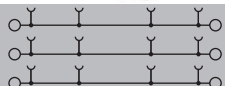
Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

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...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 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

You will find the technical data on the individual products.

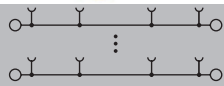
Type	Qty.	Order No.
AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	57 A	5 2663440000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

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...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 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

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

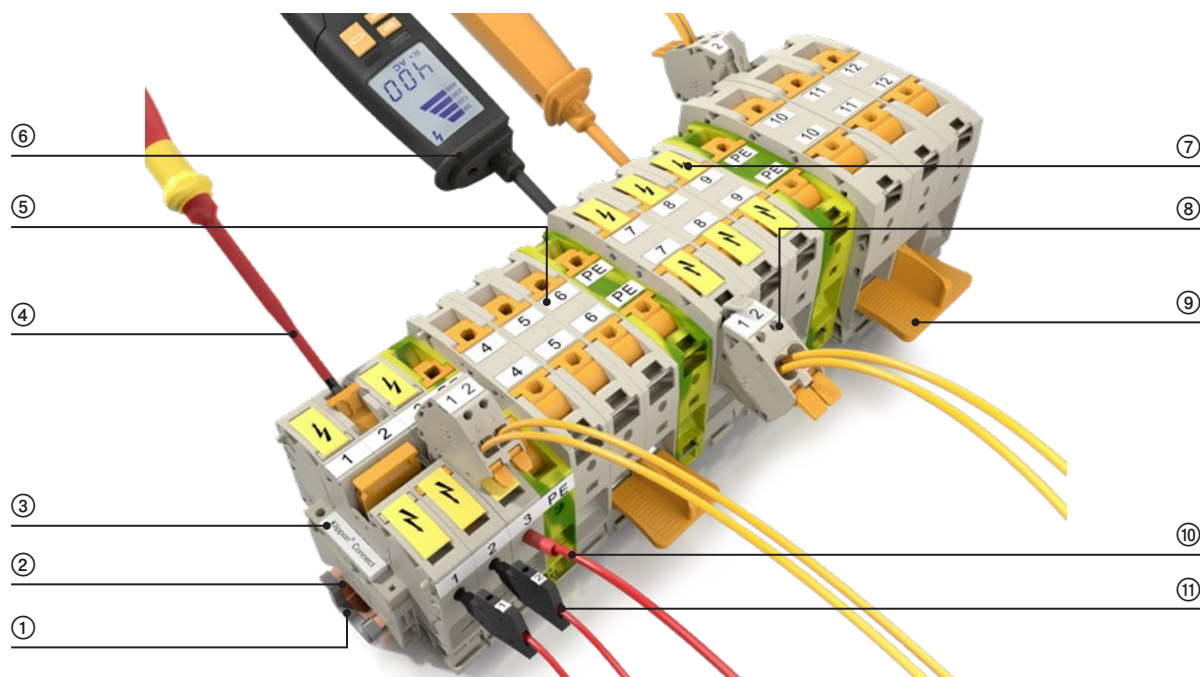


Mounting in compliance with norms

Thanks to precisely 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.



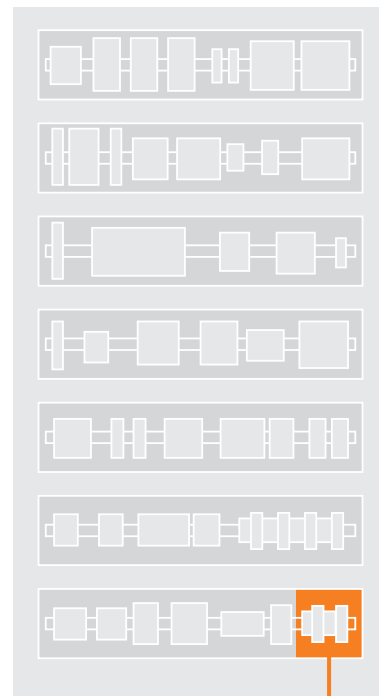
Number	Description	Type	Rated voltage	Rated Current	Dimensions	Colour	Qty.	Order No.
1	End cap mounting rail	TS END CAP 35X15			37.5 x 16.5 x 7 mm	grey	100	1283480000
2	Mounting rail	TS 35X15/2.3M/CU/BK			35 x 15 x 2000 mm		2	0270100000
3	End brackets	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	1991920000
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



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.



B

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.

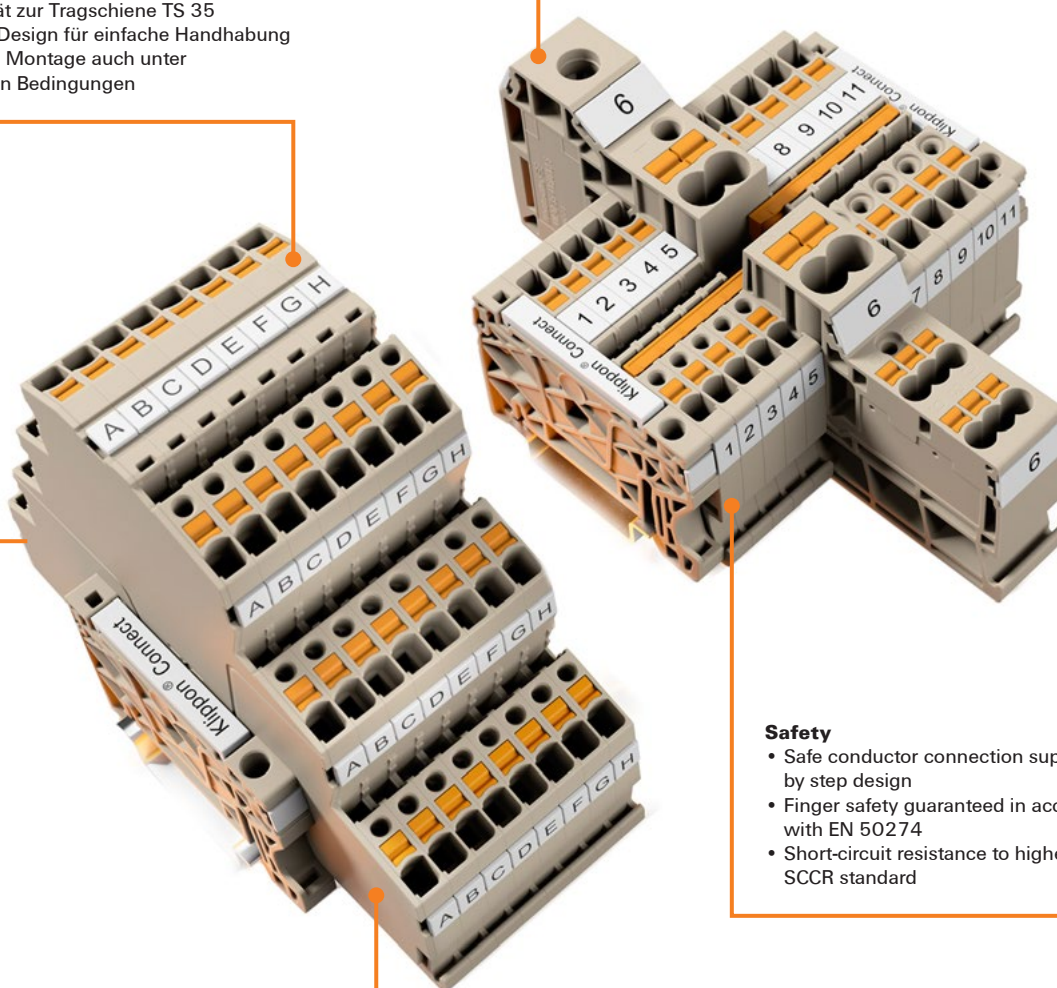


Zeitersparnis

- Kompatibilität zur Tragschiene TS 35
- Optimiertes Design für einfache Handhabung und schnelle Montage auch unter schwierigsten Bedingungen

Space saving

- Space-saving format and variety of functions in a single design
- Flexible expansion thanks to series arrangement and cross connection

**Flexibility**

- Range of possible combinations for each requirement
- Can be used around the world thanks to international approvals

Safety

- Safe conductor connection supported by step design
- Finger safety guaranteed in accordance with EN 50274
- Short-circuit resistance to highest SCCR standard

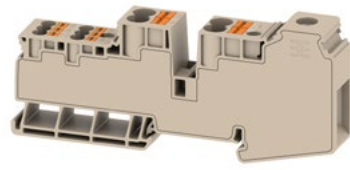


**Power distribution
Hybrid connection**



AWPD 35 4X6/6X2.5

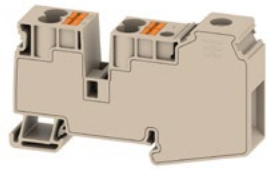
35 mm²



16.2 x 125 x 50		
Screw 35 mm ²	PUSH IN 35 mm ²	PUSH IN 6 mm ²
105 / 35	24 / 2.5	41 / 6
1.5...35	0.14...2.5	0.5...6

AWPD 35 4X10

35 mm²



16.2 x 95 x 60	
Screw 35 mm ²	PUSH IN 10 mm ²
105 / 35	50 / 10
1.5...35	1...10

Width / Height / Depth	mm
max. current / max. conductor	A / mm ²
max. clamping range	mm ²

Technical data

Rated voltage	Screw 35 mm ²	V
	PUSH IN 2.5 mm ²	V
	PUSH IN 6 mm ²	V
	PUSH IN 10 mm ²	V
Rated current	Screw 35 mm ²	A
	PUSH IN 2.5 mm ²	A
	PUSH IN 6 mm ²	A
	PUSH IN 10 mm ²	A
for wire cross-section	Screw 35 mm ²	mm ²
	PUSH IN 2.5 mm ²	mm ²
	PUSH IN 6 mm ²	mm ²
	PUSH IN 10 mm ²	mm ²

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
	Stripping length / Blade size
	Tightening torque

IEC 60947-1

IEC	UL	CSA
1000	600	
1000	600	
1000	600	
110	105	
24	40	
41	20	
35	AWG 14...2	
2.5	AWG 20...8	
6	AWG 22...12	

Screw 35 mm ²	PUSH IN 2.5 mm ²	PUSH IN 6 mm ²
8kV / 3	8kV / 3	8kV / 3
B9	A3	A5
V-0	V-0	V-0
Screw 35 mm ²	PUSH IN 2.5 mm ²	PUSH IN 6 mm ²
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	0.5...2.5 / 0.5...2.5	0.5...6 / 0.5...6
17 / 1 x 5.5	10 / 0.6 x 3.5	12 / 1 x 5.5
2.5		

IEC 60947-1

IEC	UL	CSA
1000	600	
1000	600	
1000	600	
110	105	
57	50	
35	AWG 14...2	
10	AWG 20...6	

Screw 35 mm ²	PUSH IN 10 mm ²
8kV / 3	8kV / 3
B9	A6
V-0	V-0
Screw 35 mm ²	PUSH IN 10 mm ²
1.5...35 / 1.5...35	1...10 / 1...10
1.5...35 / 1.5...35	1...10 / 1...10
17 / 1 x 5.5	18 / 1 x 5.5
2.5	

Ordering data

Version	dark beige
	blue
	yellow/black

Type	Qty.	Order No.
AWPD 35 4X6/6X2.5	20	2728620000
AWPD 35 4X6/6X2.5 BL	20	2860560000
AWPD 35 4X6/6X2.5 FE	20	2924980000

Type	Qty.	Order No.
AWPD 35 4X10	20	2728630000
AWPD 35 4X10 BL	20	2860570000
AWPD 35 4X10 FE	20	2924990000

Accessories

Pluggable cross-connection	
for 1.5 mm ²	2-pole
	10-pole
for 2.5 mm ²	2-pole
	10-pole
for 6 mm ²	2-pole
	10-pole
for 6 mm ²	2-pole
	10-pole
End bracket	dark beige
Test adapter	1-pole
	1-pole
Screwdriver	
for 2.5 mm ² PUSH IN	Standard
for 6 mm ² PUSH IN	Standard
for 10 mm ² PUSH IN	Standard
for 35 mm ² Schraube	Standard
Identification systems	
For detailed information on other accessories and application in the online catalogue	

Type	Rated current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/10	41 A	20	1985780000
AEB 35 SCL/1 VO		50	2661280000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
DEK 8/5 MM WS		800	2007150000
WS-A 8/16 MM WS		200	2619910000

Type	Rated current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/10	41 A	20	1985780000
AEB 35 SCL/1 VO		50	2661280000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
DEK 8/5 MM WS		800	2007150000
WS-A 8/16 MM WS		200	2619910000

AWPD potential distribution terminal block

The potential distribution terminal block AWPD 35 can be fed by wires of cross-section 1.5 - 35 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 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 mm ²	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 mm ²	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 mm ²	41 A	82 A

Maximum current flow I_{max} only with AWPD 35 4X6/6X2.5

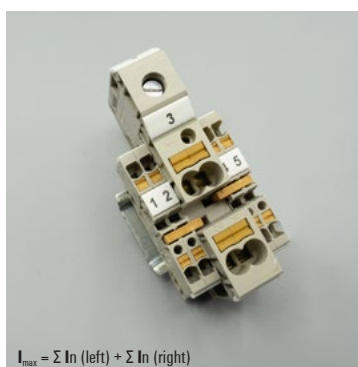
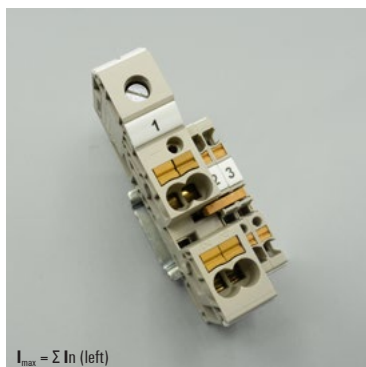
Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm ²	41 A	82 A

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 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A2C 4	ZQV 4N	35 mm ²	76 A	76 A
A3C 4	ZQV 4N	35 mm ²	76 A	76 A
A4C 4	ZQV 4N	35 mm ²	76 A	76 A
A2C 6	ZQV 6N	35 mm ²	76 A	82 A
A3C 6	ZQV 6N	35 mm ²	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 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A2C 4	ZQV 4N	35 mm ²	76 A	76 A
A3C 4	ZQV 4N	35 mm ²	76 A	76 A
A4C 4	ZQV 4N	35 mm ²	76 A	76 A
A2C 6	ZQV 6N	35 mm ²	76 A	82 A
A3C 6	ZQV 6N	35 mm ²	76 A	82 A





Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

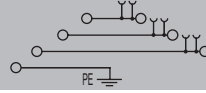
For detailed information on other accessories and application in the online catalogue

AMC 2.5

2.5 mm²



5.1 x 107.5 x 88
22 / 2.5
0.14...2.5



DIN EN 60947-7-1, DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
690	150	150	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			

Ex eb II C Gb II 2 G D 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.
AMC 2.5	50	2434340000

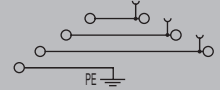
Type	Qty.	Order No.
ZVQ 2.5N/2	24 A 60	1527540000
ZVQ 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
AEP MC 2.5	25	2433820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

AMC 2.5 800 V

2.5 mm²



6.1 x 107.5 x 88
22 / 2.5
0.14...2.5



DIN EN 60947-7-1, DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			

Ex eb II C Gb II 2 G D 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.
AMC 2.5 800V	50	2434370000

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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



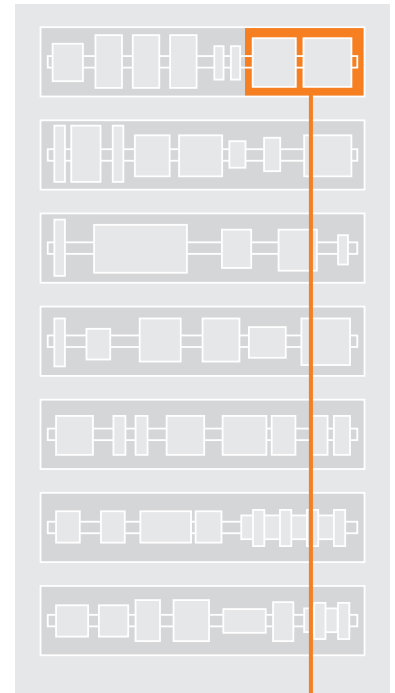
Safe supply to equipment in the panel

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.

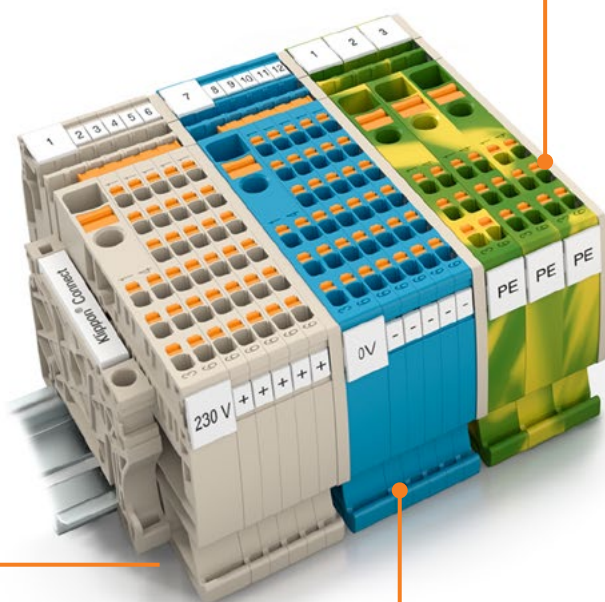
Our promise

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.



Space saving

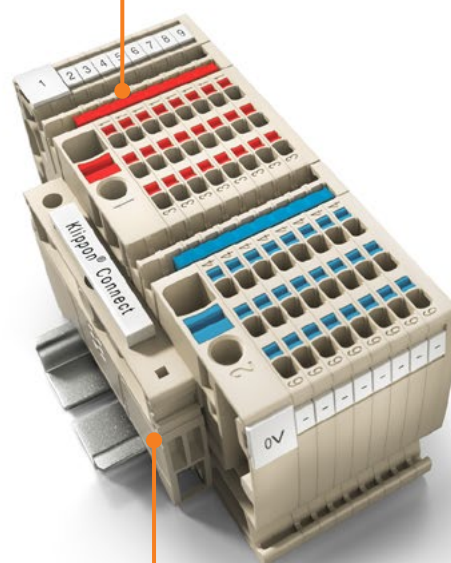
- Up to 50 percent more compact control voltage distribution thanks to the optional six conductor connections per terminal block
- Combined solution for fewer components and more available space on the terminal rail
- One solution to connect all the plus and minus connectors for the loads

**Safety**

- Guarantees vibration-resistant and gas-tight connections
- Pusher and clear design to prevent mis-connection

Time saving

- Maximum time saving on wiring thanks to PUSH IN technology
- Consistent cross-connection systems
- Tailored assembly and ordering using the Weidmüller Configurator

**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

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.

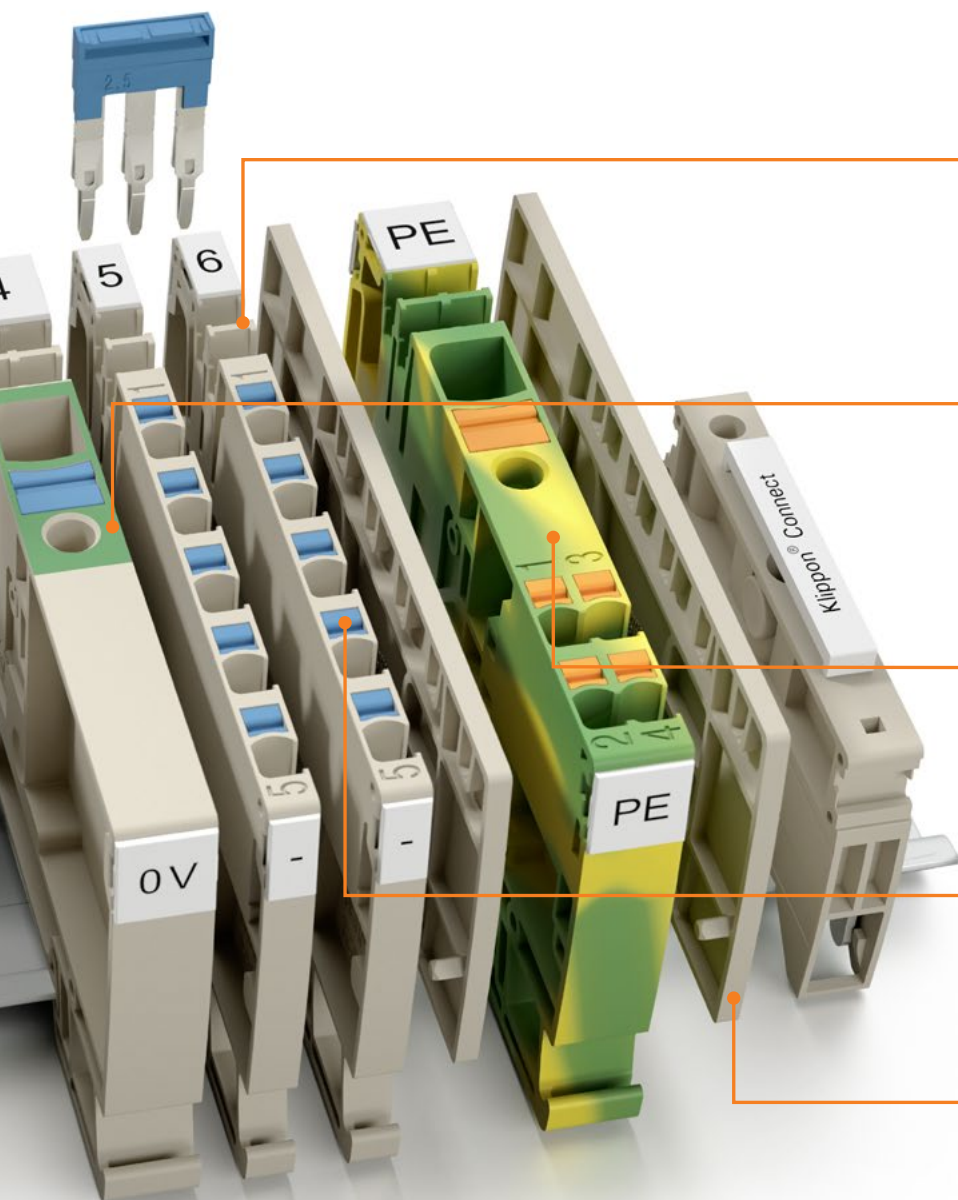
Coloured pushers

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 protective 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.



Control voltage distribution PUSH IN connection

AAP - potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	beige / white pusher
	green-yellow / orange pusher
	blue / orange pusher
	green / orange pusher
Note	

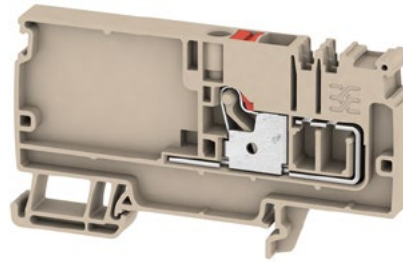
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

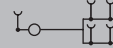
For detailed information on other accessories and application in the online catalogue

AAP11 6 LO

6 mm²



8.1 x 85.5 x 47
41 / 6
0.34...6



In accordance with IEC 60947-7-1

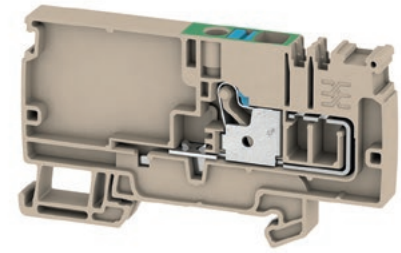
IEC	UL	CSA	EN 60079-7
500	300	300	
41	36	36	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A5 / V-0			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Note			

Type	Qty.	Order No.
AAP11 6 LO RD	20	1989780000
AAP11 6 LO BL	20	1988130000
AAP11 6 LO OR	20	2503650000
AAP11 6 LO WT	20	2683430000
AAP11 6 LO BL/OR	20	2522720000
AAP11 6 LO GN/OR	20	2718300000
Note		

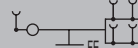
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 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
Note		

AAP11 6 FE

6 mm²



8.1 x 85.5 x 47
41 / 6
0.34...6



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
41			
6	AWG 22...8	AWG 22...8	
6 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			
Note			

Type	Qty.	Order No.
AAP11 6 FE	20	1988140000
Note		

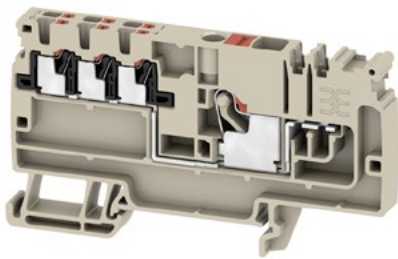
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 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
Note		

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

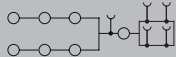


AAP11 6/6X1.5 LO-LI

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			

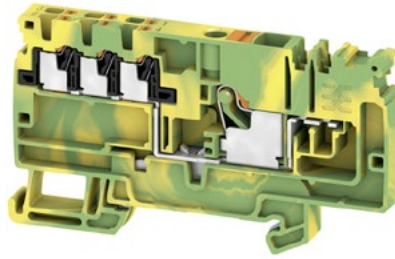


Rated connection

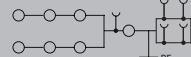
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

AAP11 6/6X1.5 PE-LI

6 mm²



8.1 x 85.5 x 47
41 / 6
0.34...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300		
41			
6	AWG 26...8	AWG 26...8	
6 kV / 3			
A5 / V-0			

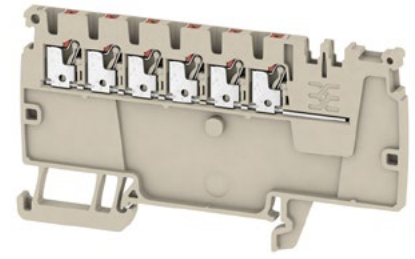


Rated connection

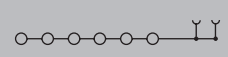
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

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			



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 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.
AAP11 6/6X1.5 PE-LI	20	2464740000

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
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

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

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

Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version
beige / red and blue pusher
beige / orange and orange pusher

Note

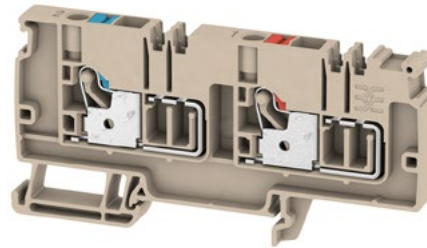
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

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

AAP13 6 LO-LO

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	150	150	
41	36	36	
6	AWG 22...8	AWG 22...8	

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	20	1988260000

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
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AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
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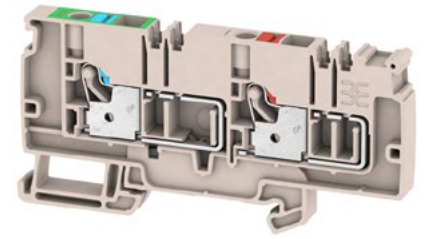
PS 2.0 MC	20	0310000000
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SDIL 1,0X5,5X125	1	2749160000
------------------	---	------------

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 6 FE-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250	150	150	
41	36	36	
6	AWG 22...8	AWG 22...8	

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 FE-LO	20	1988270000

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
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AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
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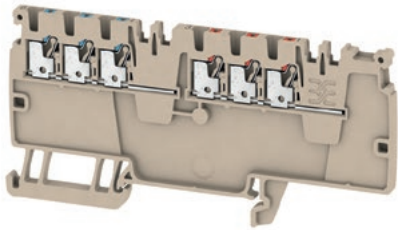
PS 2.0 MC	20	0310000000
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SDIL 1,0X5,5X125	1	2749160000
------------------	---	------------

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

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

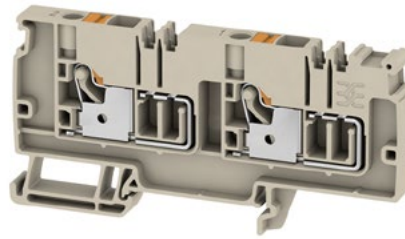
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

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

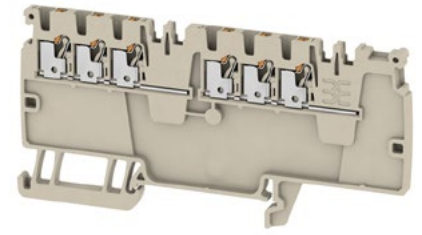
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

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	150		
16	13		
1.5	AWG 26...14		

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



Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

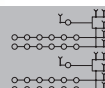


SET AAP11 6/1.5/12C

6 mm²

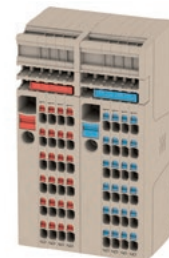


35 x 85.5 x 47
35 / 6
0.34...6

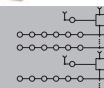


SET AAP11 6/1.5/24C

6 mm²



49 x 85.5 x 47
41 / 6
0.34...6



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

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version
Note

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
35			
6			
		6 kV / 3	
		A5 / V-0	
CE UK CCA			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
		6 kV / 3	
		A5 / V-0	
CE UK CCA			
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.
SET AAP11 6/1.5/12C	1	2506090000

Type	Qty.	Order No.
SET AAP11 6/1.5/24C	1	2506370000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ZUB MULTIMETER	1	9205270000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ZUB MULTIMETER	1	9205270000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS-A 8/8 MM WS	500	2448930000
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
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

24.5 x 96 x 47	
41 / 6	
0.34...6	

38.5 x 96 x 47	
41 / 6	
0.34...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

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	

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	

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP13 6/1.5/12C	1	2506340000
Note		

Type	Qty.	Order No.
SET AAP13 6/1.5/24C	1	2506380000
Note		

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
Note		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Note		
ZUB MULTIMETER	1	9205270000
Note		
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
Note		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
Note		
ZUB MULTIMETER	1	9205270000
Note		
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000

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



Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	beige / white pusher
	green-yellow / orange pusher
	blue / orange pusher
	green / orange pusher
Note	

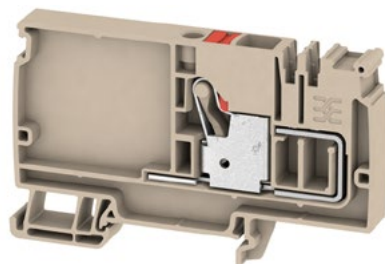
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

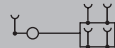
For detailed information on other accessories and application in the online catalogue

AAP12 10 LO

10 mm²



10 x 89 x 53.5
57 / 16
0.5...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	51	51	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			



Rated connection

0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

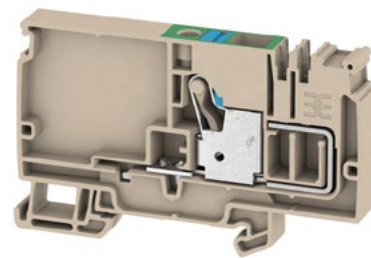
Type	Qty.	Order No.
AAP12 10 LO RD	20	1988190000
AAP12 10 LO BL	20	1988180000
AAP12 10 LO OR	20	2503900000
AAP12 10 LO WT	20	2683450000
AAP12 10 LO BL/OR	20	2522860000
AAP12 10 LO GN/OR	20	2619410000

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 VO	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 FE

10 mm²



10 x 89 x 53.5
57 / 16
0.5...16



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
57			
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			



Rated connection

0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP12 10 FE	20	1988200000

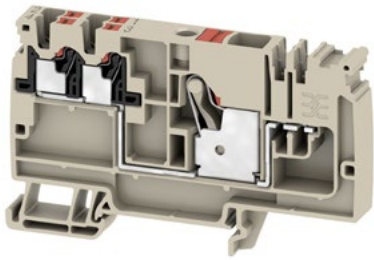
Type	Qty.	Order No.
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS 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

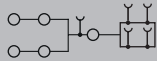


AAP12 10/4X2.5 10 LO-LI

10 mm²



10 x 89 x 53.5
57 / 16
0.5...16



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			

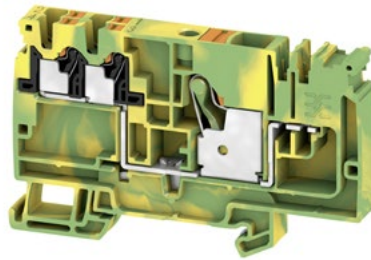


Rated connection

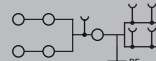
0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

AAP12 10/4X2.5 PE-LI

10 mm²



10 x 89 x 53.5
57 / 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		
57			
10	AWG 28...8	AWG 28...8	
8 kV / 3			
A6 / V-0			

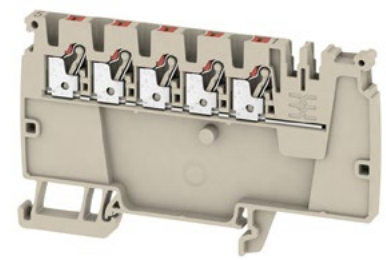


Rated connection

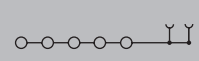
0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

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 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.
AAP12 10/4X2.5 PE-LI	20	2464710000

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 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

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

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
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000

Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	beige / red and blue pusher
Note	

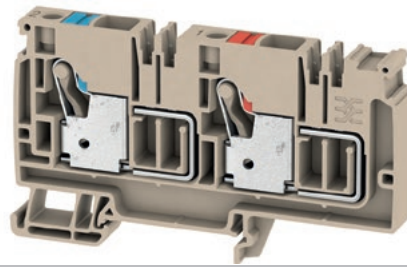
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

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

AAP14 10 LO-LO

10 mm²



10 x 94 x 53.5	
57 / 16	
0.5...16	

In accordance with IEC 60947-1

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			

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

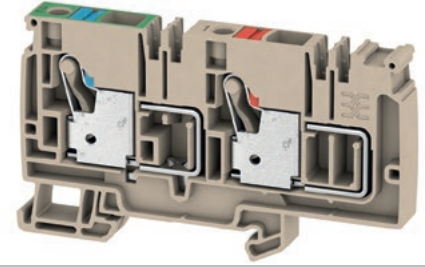
Note

Type	Qty.	Order No.
AAP14 10 LO-LO	20	1988250000

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 VO	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

AAP14 10 FE-LO

10 mm²



10 x 94 x 53.5	
57 / 16	
0.5...16	

In accordance with IEC 60947-2

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	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

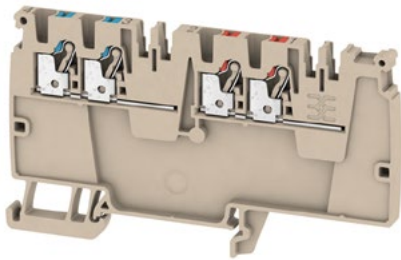
Note

Type	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000

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 VO	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

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 VO	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000



**Control voltage distribution
PUSH IN connection**

AAP – potential distribution terminal blocks

SET AAP12 10/2.5/10C

10 mm²

Application range



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

45.2 x 89 x 53.5	
48 / 16	
0.5...16	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
48			
10			
		8 kV / 3	
		A6 / V-0	

CE UK CA

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

Note

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP12 10/2.5/10C	1	2506350000

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/5 PLUS MC NE WS	1000	1854490000
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

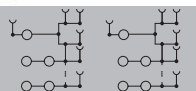
SET AAP14 10/2.5/10C

10 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

36.5 x 89 x 53.5
57 / 16
0.5...16



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
57			
10			
		8 kV / 3	
		A6 / V-0	



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

Note

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP14 10/2.5/10C	1	2506360000

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/8 PLUS MC NE WS	800	1046350000

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

Application range

B



Control voltage distribution
PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	blue / orange pusher

Note

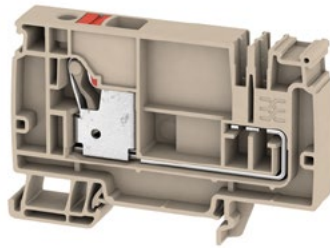
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
	dark beige
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

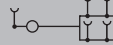
For detailed information on other accessories and application in the online catalogue

AAP21 10 LO

10 mm²



12 x 82 x 53.5
57 / 16
0.5...16



In accordance with IEC 60947-7-1 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

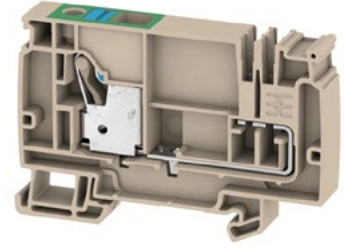
Rated connection
0.5...10 / 0.5...16
0.5...10 / 0.5...10
18 mm
1.0 x 5.5 mm

Type	Qty.	Order No.
AAP21 10 LO RD	20	2428910000
AAP21 10 LO BL	20	2428940000
AAP21 10 LO OR	20	2581690000

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 VO	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 10 FE

10 mm²



12 x 82 x 53.5
57 / 16
0.5...16



In accordance with IEC 60947-7-2 2 G D

IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57			
10	AWG 20...6	AWG 20...6	10 mm ²

4 kV / 3 V-0

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

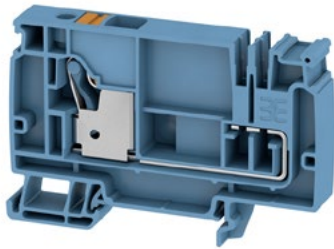
Type	Qty.	Order No.
AAP21 10 FE	20	2428920000

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 VO	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

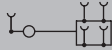
For detailed information on other accessories and application in the online catalogue

AAP21 10 LO

10 mm²



12 x 82 x 53.5
57 / 16
0.5...16



Ex ec II C Gc II

2 G D



In accordance with IEC 60947-7-1

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...16

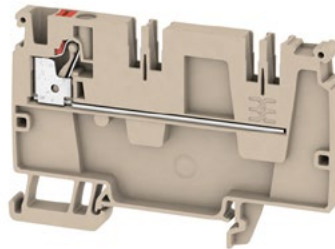
0.5...10 / 0.5...10

18 mm

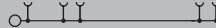
1.0 x 5.5 mm

AAP21 4 LI

4 mm²



6.1 x 82 x 53.5
32 / 4
0.14...4



Ex ec II C Gc II

2 G D



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm ²

4 kV / 3

V-0



TUEV17ATEX8063U

Rated connection

0.5...4 / 0.5...4

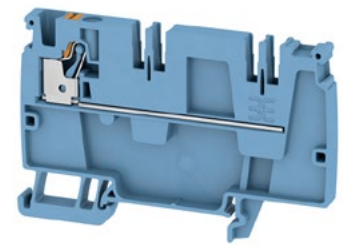
0.5...4 / 0.5...4

12 mm

0.6 x 3.5 mm

AAP21 4 LI

4 mm²



6.1 x 82 x 53.5
32 / 4
0.14...4



Ex ec II C Gc II

2 G D



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm ²

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 10 LO BL/OR	20	2581800000

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.
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
AEB 35 SCL/1 VO	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

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

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



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version	
	beige / red pusher, 250 V AC/DC, without LED
	beige / red pusher, 10-36 V AC/DC, with LED
	beige / red pusher, 30-70 V AC/DC, with LED
	beige / red pusher, 60-150 V AC/DC, with LED
	beige / red pusher, 100-250 V AC/DC, with LED
	beige / orange pusher, 250 V AC/DC, without LED
	beige / orange pusher, 100-250 V AC/DC, with LED
	beige / blue pusher
	beige / orange pusher
	blue / orange pusher

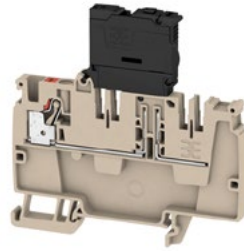
Note

Accessories

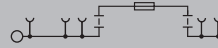
Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
For detailed information on other accessories and application in the online catalogue	

AAP21 4 FS

4 mm²



6.1 x 82 x 82
6.3 / 4
0.14...4



In accordance with IEC 60947-7-3 2 G D Ex ec II C Gc II

IEC	UL	CSA	EN 60079-7
500	150 (C)		
6.3	10		6.3
4	AWG 26...10		4 mm ²
4 kV / 3			
V-0			

TUEV17ATEX8064U

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

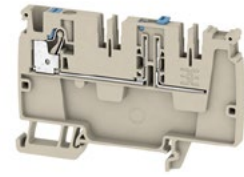
Note

Type	Qty.	Order No.
AAP21 4 FS	50	2428950000
AAP21 4 FS 10-36V	50	2458990000
AAP21 4 FS 30-70V	50	2460200000
AAP21 4 FS 60-150V	50	2460190000
AAP21 4 FS 100-250V	50	2460180000
AAP21 4 FS OR	50	2581720000
AAP21 4 FS 100-250V OR	50	2581790000

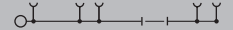
Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP21		
AEP AP21	20	2429020000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS		
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS		
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS		
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS		
DEK 5/6 PLUS MC NE WS	1000	1011320000
G 20/0.25A/F		
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F		
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F		
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F		
G 20/2.00A/F	2 A 10	0430900000

AAP21 4 DT

4 mm²



6.1 x 82 x 55
20 / 4
0.14...4



In accordance with IEC 60947-7-1 2 G D Ex ec II C Gc II

IEC	UL	CSA	EN 60079-7
250	150 (C)	150 (C)	
20	20	20	19
4	AWG 26...10	AWG 26...10	4 mm ²
4 kV / 3			
V-0			

TUEV16ATEX7939U

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

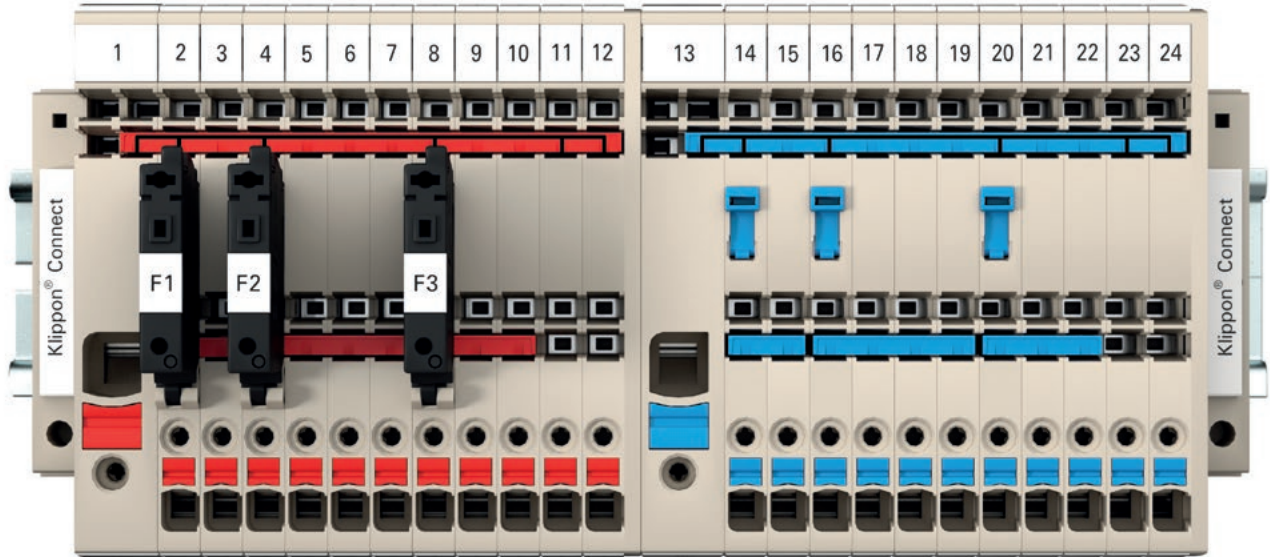
Note

Type	Qty.	Order No.
AAP21 4 DT	50	2428980000
AAP21 4 DT OR	50	2581710000
AAP21 4 DT BL/OR	50	2582520000

Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21		
AEP AP21	20	2429020000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS		
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS		
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS		
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS		
DEK 5/6 PLUS MC NE WS	1000	1011320000

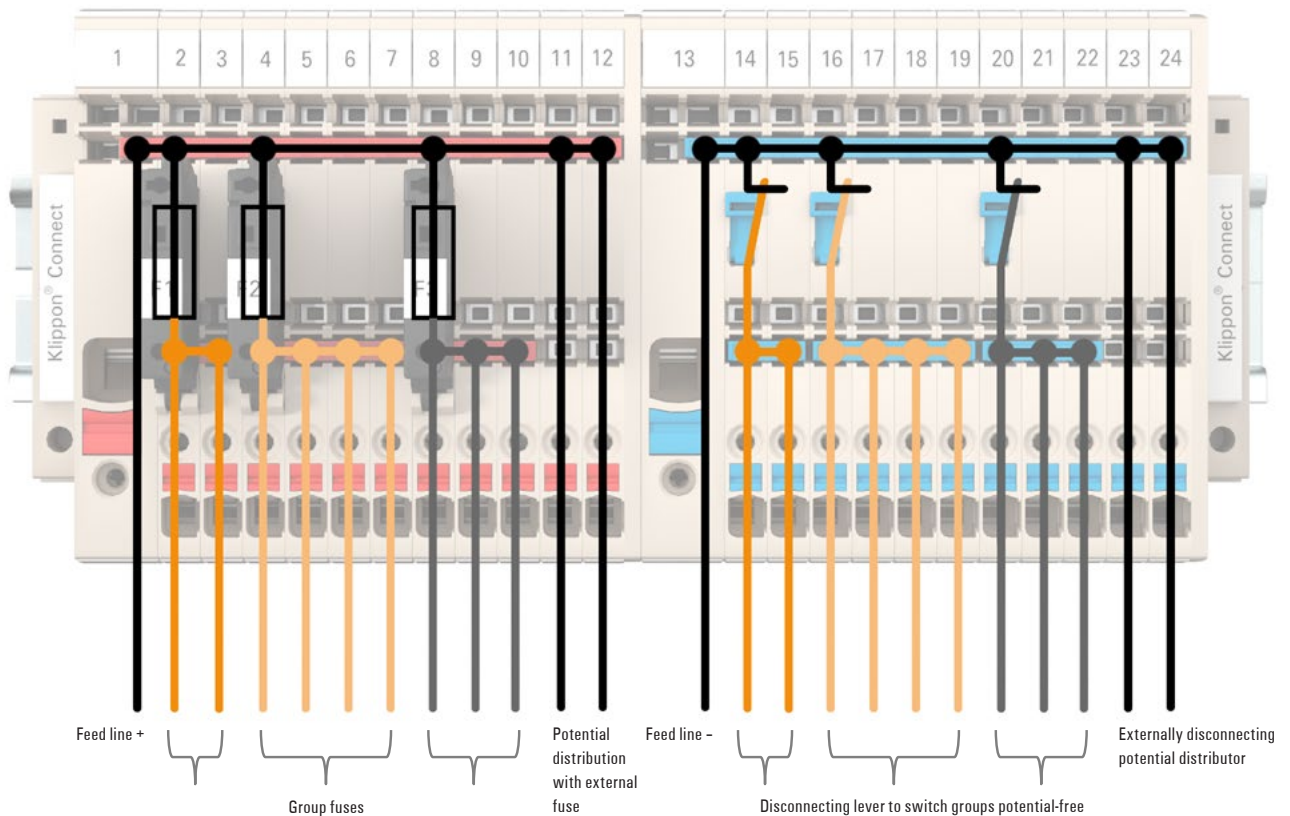
Clear, compact construction of control voltage distribution

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 disconnecter
- Direct potential distribution possible without fusing within the structure

Schematic representation of circuit diagram



Control voltage distribution PUSH IN connection

AAP - potential distribution terminal blocks

Potential distribution with integrated fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	beige / red and blue pusher
Note	

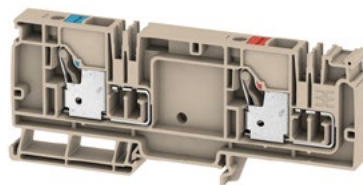
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

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

AAP22 10 LO-LO

10 mm²



12 x 129 x 53.5	
57 / 16	
0.5...16	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
A6 / V-0			



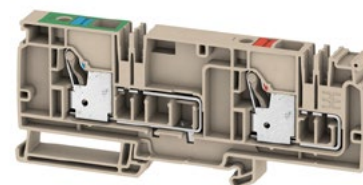
Rated connection	
0.5...10 / 0.5...16	
0.5...10 / 0.5...10	
18 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
AAP22 10 LO-LO	20	2428990000

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 AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
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

AAP22 10 FE-LO

10 mm²



12 x 129 x 53.5	
17 / 16	
0.5...16	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
A6 / V-0			



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

Type	Qty.	Order No.
AAP22 10 FE-LO	20	2429000000

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 AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
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

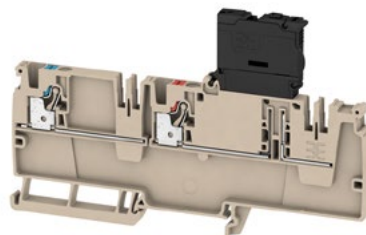
For detailed information on other accessories and application in the online catalogue



AAP - potential distribution terminal blocks

AAP22 4 LI-FS

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 129 x 82
6.3 / 4
0.14...4

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

In accordance with IEC 60947-7-1, Ex ec II C Gc II
In accordance with IEC 60947-7-3 2 G D

IEC	UL	CSA	EN 60079-7
500	300 (D)		
6.3	10		6.3
4	AWG 26...10		4 mm ²
4 kV / 3			
V-0			

CCC CE UK US Ex CA TÜEV17ATEX8064U

Note

Ordering data

Version	
	250 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
	100 - 250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
AAP22 4 LI-FS	50	2429010000
AAP22 4 LI-FS 10-36V	50	2459010000
AAP22 4 LI-FS 30-70V	50	2460140000
AAP22 4 LI-FS 60-150V	50	2460130000
AAP22 4 LI-FS 100-250V	50	2460120000

Accessories

Plug-in cross-connection	
	2-pole / blue
	10-pole/ blue
	2-pole/ red
	10-pole / red
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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
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

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

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

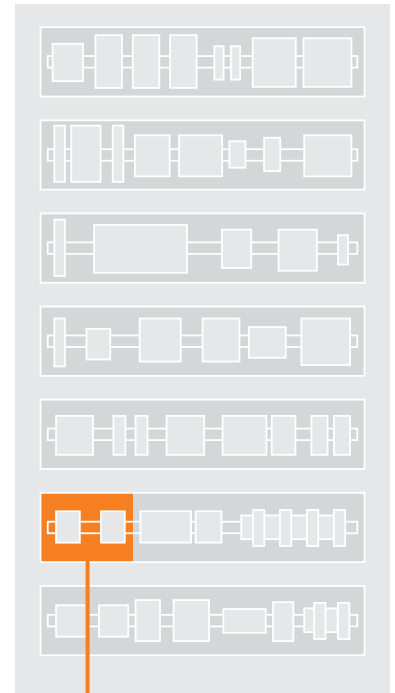
B



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).



B

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.

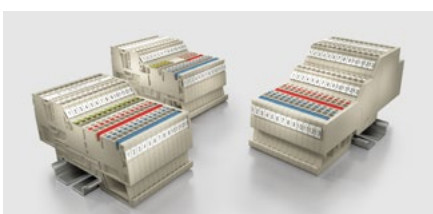
PLC I/O

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:

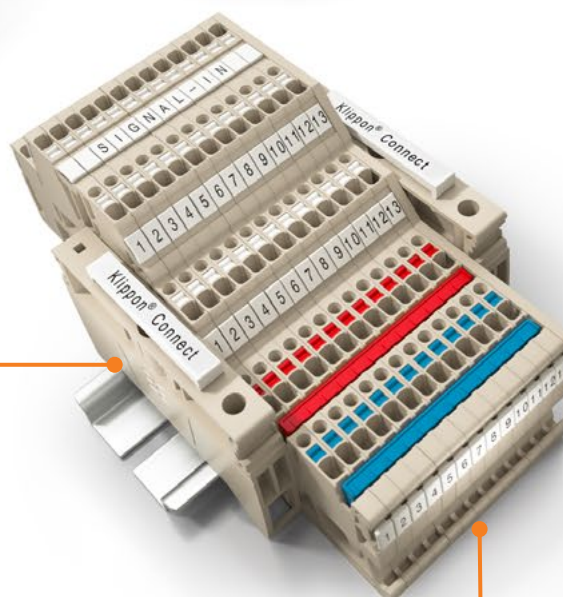
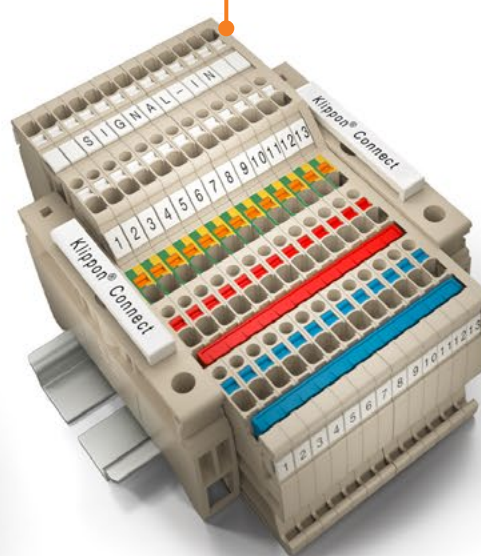
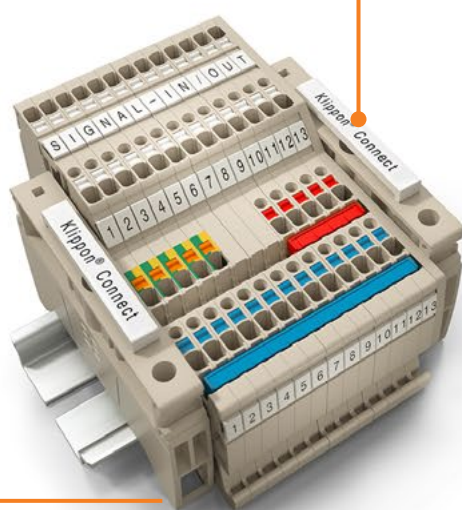
Our application products for signal wiring (AIO) are available in three designs. Depending on the design, you can connect 3- or 4-wire sensors or actuators. The large number of variants, e.g. with built-in PE function, allows maximum flexibility when it comes to designing the signal feed.

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

**Space saving**

- Up to four different potentials on a terminal just 3.5 mm wide
- Structuring and combining of signals in confined spaces

Safety

- Test options on every terminal
- Vibration-resistant and gas-tight connections
- Top-level safety for machines and systems

B



Signal wiring
PUSH IN connection

Application range

AIO – sensor-actuator terminal blocks



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Orange
Note	

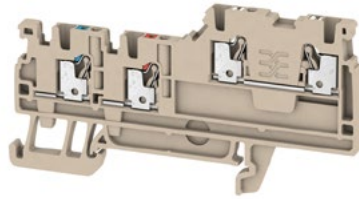
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

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

AI021 1.5 SI

1.5 mm²



3.5 x 80 x 42	
13.5 / 1.5	
0.14...1.5	

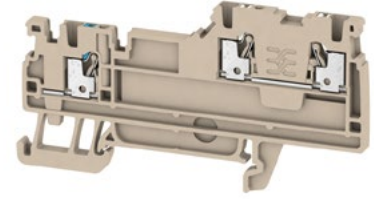
In accordance with IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
4 kV / 3			
A1 / V-0			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			
Note			

Type	Qty.	Order No.
AI021 1.5 SI	100	1992260000
AI021 1.5 SI OR	100	2579610000
Note		

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 IO21	50	1993580000
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 MHR	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

AI021 1.5 SO

1.5 mm²



3.5 x 80 x 42	
13.5 / 1.5	
0.14...1.5	

In accordance with IEC 60947-7-1			
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 mm ²
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			
Note			

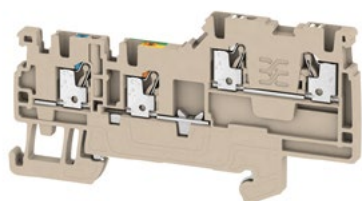
Type	Qty.	Order No.
AI021 1.5 SO	100	1992240000
AI021 1.5 SO OR	100	2579570000
Note		

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 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MHR	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

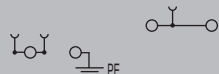
For detailed information on other accessories and application in the online catalogue

AI021 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 Gbll 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 mm ²

4 kV / 3
A1 / V-0



Rated connection

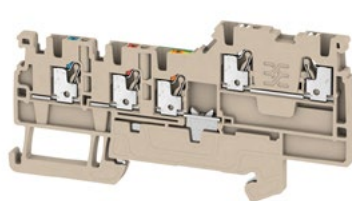
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AI021 1.5 SO-PE	100	1992250000
AI021 1.5 SO-PE OR	100	2579580000

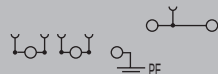
Type	Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IQ21	50	1993580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

AI022 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 Gbll 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 mm ²

4 kV / 3
A1 / V-0



Rated connection

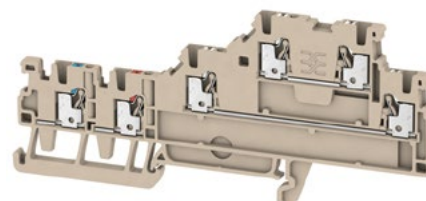
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AI022 1.5 SI-PE	100	1992230000
AI022 1.5 SI-PE OR	100	2579640000

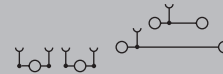
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IQ22	50	1993590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
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

AI023 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 Gbll 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 mm ²

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.
AI023 1.5 2SI	100	1992220000
AI023 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 IQ23	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



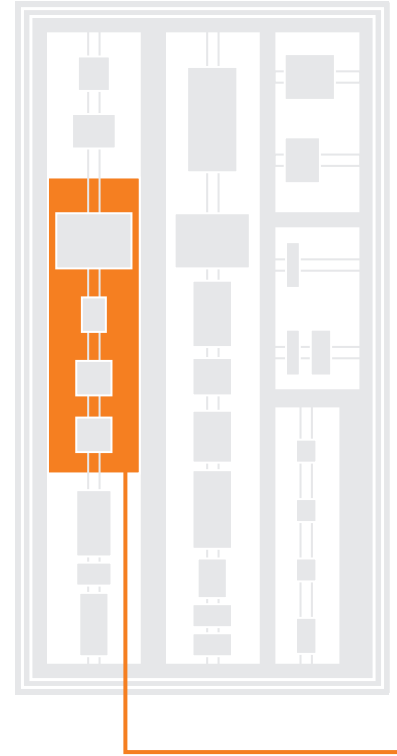
Space-saving connection of process control systems

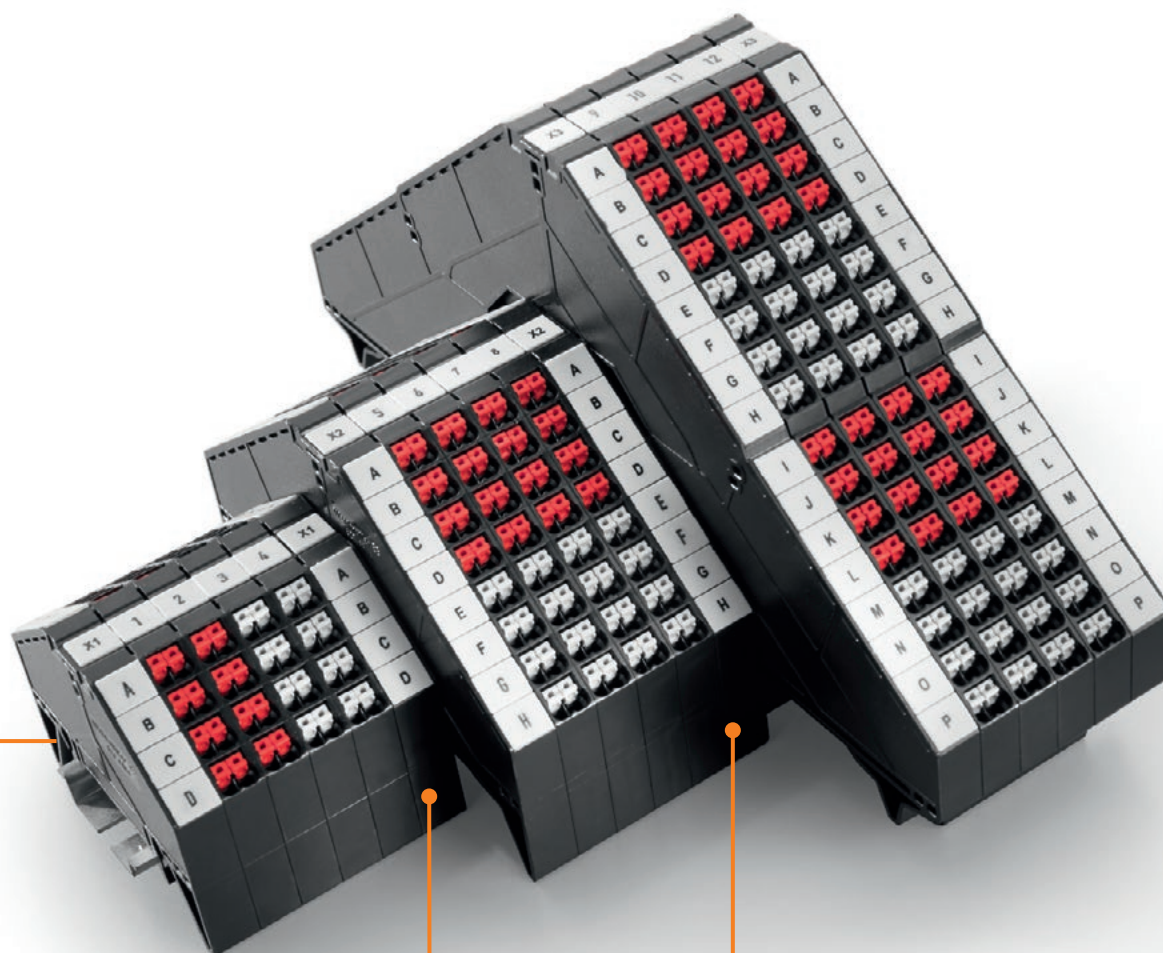
Efficient marshalling and distribution with Klippon® Connect signals

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

Safety

- Guaranteed vibration-proof and gas-tight connections
- Protection against electromagnetic influences
- Signal loops measurable when fuse lever is open

B

DCS
I/O



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5

Note

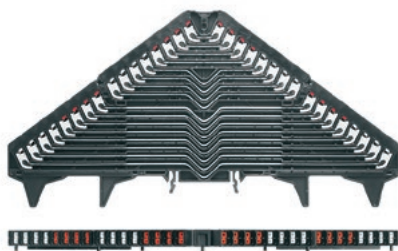
Accessories

End plate	
	black
	blue
	grey
Marker holder	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5
Spacer	
	Unprinted
	Printed 0...3 or 0...7 or 0...15
	Printed 1...4 or 1...8 or 1...16
	Printed A...D or A...H or A...P
End bracket	
	black
Screwdriver	
	Standard
Plug-in cross-connection	
	2-pole
Marking tags	

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

PRV 16 RT/WS

1.5 mm²



9.2 x 225 x 113.5	
11 / 1.5	
0.13...1.5	

IEC 60947-7-1, DIN EN 60079

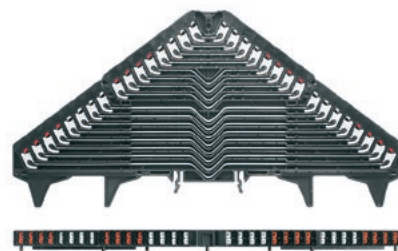
IEC	UL	CSA	EN 60079-7
250	300	300	
6	1	1	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

PRV 16 WS/RT

1.5 mm²



9.2 x 225 x 113.5	
11 / 1.5	
0.13...1.5	

IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
6	1	1	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
PRV 16 SW 35X15 RT/WS	20	1173620000
PRV 16 BL 35X15 RT/WS	20	1267790000
PRV 16 SW 35X7.5 RT/WS	20	1173680000
PRV 16 BL 35X7.5 RT/WS	20	1267810000

Type	Qty.	Order No.
PRV 16 SW 35X15 WS/RT	20	1173650000
PRV 16 BL 35X15 WS/RT	20	1267800000
PRV 16 SW 35X7.5 WS/RT	20	1173710000
PRV 16 BL 35X7.5 WS/RT	20	1267820000

Type	Qty.	Order No.
BZT PRV16 SW 35X15	20	1173540000
BZT PRV16 BL 35X15	20	1267930000
BZT PRV16 SW 35X7.5	20	1173550000
BZT PRV16 BL 35X7.5	20	1267940000
TW PRV16	10	1173630000
TW PRV16 0-15	10	1230130000
TW PRV16 1-16	10	1230120000
TW PRV16 A-P	10	1230140000
WEW 35/1 SW	50	1162600000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.
BZT PRV16 SW 35X15	20	1173540000
BZT PRV16 BL 35X15	20	1267930000
BZT PRV16 SW 35X7.5	20	1173550000
BZT PRV16 BL 35X7.5	20	1267940000
TW PRV16	10	1173630000
TW PRV16 0-15	10	1230130000
TW PRV16 1-16	10	1230120000
TW PRV16 A-P	10	1230140000
WEW 35/1 SW	50	1162600000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

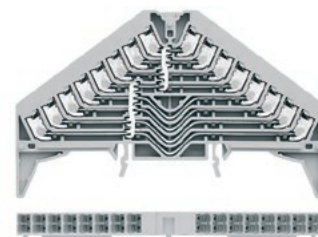
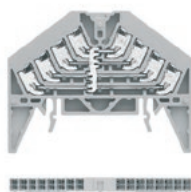


PPV 4

1.5 mm²

PPV 8

1.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.2 x 70 x 54.5	
17.5 / 1.5	
0.13...1.5	

9.2 x 120 x 73	
17.5 / 1.5	
0.13...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...16	AWG 26...16	
4 kV / 3 / V-0			

CE

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	

10 / 0.6 x 3.5 mm

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...16	AWG 26...16	
4 kV / 3 / V-0			

CE

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.5	

10 / 0.6 x 3.5 mm

Note

Ordering data

Version	
	blue for TS 35x15
	grey for TS 35x15
	orange for TS 35x15
	blue for TS 35x7.5
	grey for TS 35x7.5
	orange for TS 35x7.5

Note

Type	Qty.	Order No.
PPV 4 BL 35X15 DGR	20	1267910000
PPV 4 GR 35X15 DGR	20	1173880000
PPV 4 OR 35X15 DGR	20	1301610000
PPV 4 BL 35X7.5 DGR	20	1267920000
PPV 4 GR 35X7.5 DGR	20	1173890000
PPV 4 OR 35X7.5 DGR	20	1301630000

Type	Qty.	Order No.
PPV 8 BL 35X15 DGR	20	1267870000
PPV 8 GR 35X15 DGR	20	1173850000
PPV 8 OR 35X15 DGR	20	1301620000
PPV 8 BL 35X7.5 DGR	20	1267880000
PPV 8 GR 35X7.5 DGR	20	1173870000
PPV 8 OR 35X7.5 DGR	20	1301640000

Accessories

End plate	
	black
	blue
	grey
Marker holder	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5
Spacer	
	Unprinted
	Printed 0...3 or 0...7 or 0...15
	Printed 1...4 or 1...8 or 1...16
	Printed A...D or A...H or A...P
End bracket	
	black
Screwdriver	
	Standard
Plug-in cross-connection	
	2-pole
Marking tags	

Type	Qty.	Order No.
PAP PRV/PPV4 SW	10	1173750000
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000
BZT PRV4 SW 35X15	20	1173590000
BZT PRV4 BL 35X15	20	1267980000
BZT PRV4 SW 35X7.5	20	1173600000
BZT PRV4 BL 35X7.5	20	1267990000
TW PRV4	10	1173700000
TW PRV4 0-3	10	1230060000
TW PRV4 1-4	10	1230050000
TW PRV4 A-D	10	1230070000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.
PAP PRV/PPV8 SW	10	1173720000
PAP PRV/PPV8 BL	10	1268000000
PAP PRV/PPV8 GR	10	1211460000
BZT PRV8 SW 35X15	20	1173570000
BZT PRV8 BL 35X15	20	1267950000
BZT PRV8 SW 35X7.5	20	1173580000
BZT PRV8 BL 35X7.5	20	1267970000
TW PRV8	10	1173670000
TW PRV8 0-7	10	1230090000
TW PRV8 1-8	10	1230080000
TW PRV8 A-H	10	1230110000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

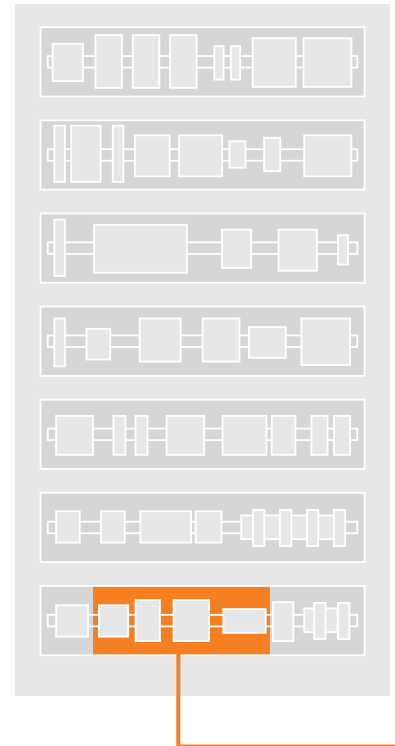
For detailed information on other accessories and application in the online catalogue



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.



B

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.

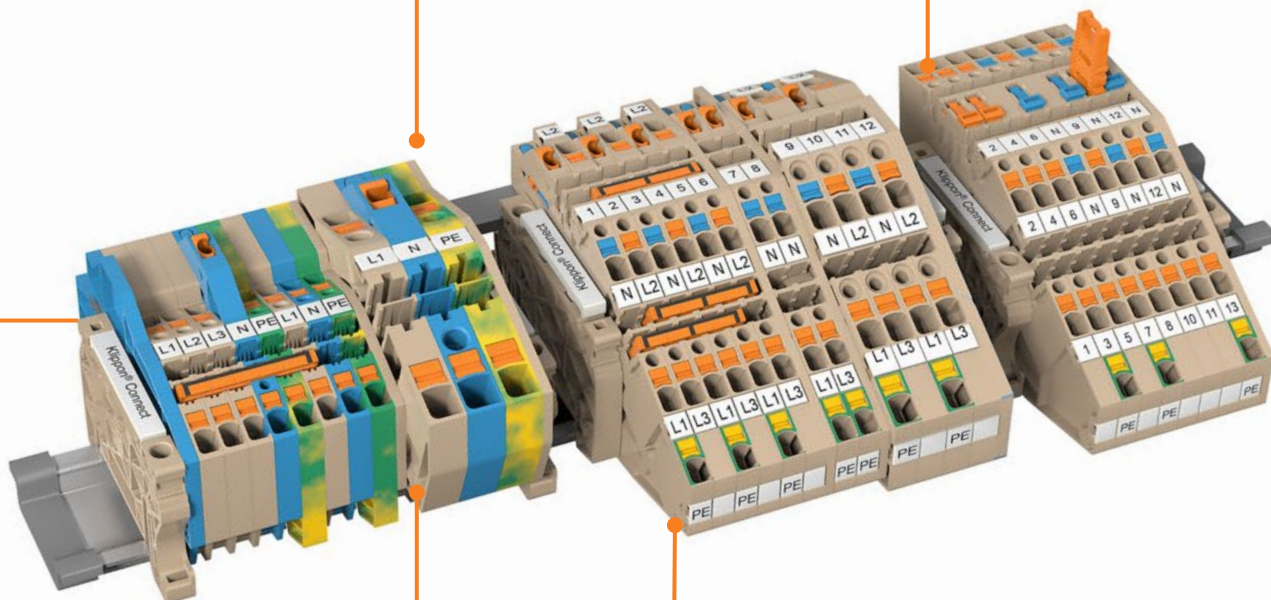


Time saving

- 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



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 compliance with VDE 0100/0810 wiring and connection requirements for distribution systems in public buildings

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 disconnecter slider, insulation can be tested without disconnecting the neutral connector





AITB 2.5 BB 2C

2.5 mm²

AITB 6 BB 2C

6 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 63.8 x 43.6
24 / 4
0.14...4

8.1 x 76.6 x 52.9
41 / 10
0.34...10

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

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

CE UK CB

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 60947-7-1

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

CE UK CB

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	

Note

Ordering data

Version	
	dark beige
	Blue

Note

Type	Qty.	Order No.
AITB 2.5 BB 2C	50	2668660000
AITB 2.5 BB 2C BL	50	2668670000

Type	Qty.	Order No.
AITB 6 BB 2C	50	2668700000
AITB 6 BB 2C BL	50	2668710000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	2-pole
	2-pole

End plate	
	dark beige
	blue

Support bracket for 10 x 3 (required every 20 cm)	
	blue

End bracket	
	dark beige, direct mounting
	blue
	blue

Test adapter	
	1-pole
	stackable
	3-pole
	5-pole

Test plug

Screwdriver

Busbar 10 x 3 (140 A)

Marking tags

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 BB 2C	20	2668780000
AEP ITB 2.5 BB 2C BL	20	2668790000

APP ITB 2.5 BB 2C/NDT BL	20	2668870000
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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 MHR	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
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SDIL 0,6X3,5X100	1	2749140000
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SSCH 10X3X1000 CU/SN	140 A 1	0348900000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000

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
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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 MHR	0.2 A 50	1991930000

PS 2.0 MC	20	0310000000
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SDIL 1,0X5,5X125	1	2749160000
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SSCH 10X3X1000 CU/SN	140 A 1	0348900000
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DEK 5/8 MC NE WS	800	1856740000
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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 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
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
Rated current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 63.8 x 43.6	
/ 4	
0.14...4	

8.1 x 76.6 x 52.9	
/ 10	
0.34...10	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800			
2.5			
	8 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	

IEC 60947-7-2

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

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	

Note

Ordering data

Version	green/yellow
Note	

Type	Qty.	Order No.
AITB 2.5 BB 2C PE	50	2668680000

Type	Qty.	Order No.
AITB 6 BB 2C PE	50	2668720000

Accessories

End plate	dark beige
Support bracket for 10 x 3 (required every 20 cm)	blue
End bracket	dark beige, direct mounting blue
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Busbar 10 x 3 (140 A)	
Marking tags	

Type	Qty.	Order No.
AEP ITB 2.5 BB 2C	20	2668780000
APP ITB 2.5 BB 2C/NDT BL	20	2668870000
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
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

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

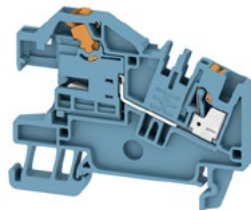
Type	Qty.	Order No.
AEP ITB 16 BB 2C	20	2668840000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	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



5.1 x 63.8 x 50
24 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 kV / 3		
	A3 / V-0		

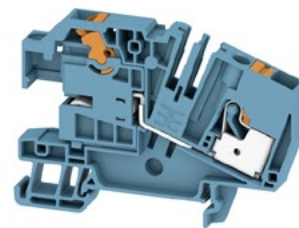


Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

AITB 6 BB NDT BL

6 mm²



8.1 x 76.6 x 52.9
41 / 10
0.34...10



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...10 / 0.5...10
0.5...10 / 0.5...6
0.5...1.5
12 / 1.0 x 5.5 mm

Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole / blue
	3-pole / blue
	4-pole / blue
	10-pole/ blue
	2-pole
End plate	
	blue
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
	Standard
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	

Type	Qty.	Order No.
AITB 2.5 BB NDT BL	50	2668690000

Type	Qty.	Order No.
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/3 BL	24 A 60	1527770000
ZQV 2.5N/4 BL	24 A 60	1527780000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP ITB 2.5 BB NDT BL	20	2668800000
APP ITB 2.5 BB 2C/NDT BL	20	2668870000
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
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

Type	Qty.	Order No.
AITB 6 BB NDT BL	50	2668730000

Type	Qty.	Order No.
ZQV 6N/2 BL	41 A 60	1985830000
AEP ITB 6 BB NDT BL	20	2668830000
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 NDT BL

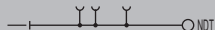
16 mm²



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
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
250			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
AITB 2.5 BB L	50	2668920000

Type	Qty.	Order No.
AITB 2.5 BB N-L-PE	50	2668940000

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate	
	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
	blue, incl. metal holder for the busbar
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
1-pole	
stackable	
3-pole	
5-pole	
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	
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 BB		
	20	2668960000
APP ITB 2.5 BB BL		
	20	2668970000
APP ITB 2.5 BB BL VI		
	20	2881640000
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 MHR		
	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

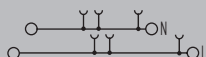
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB		
	20	2668960000
APP ITB 2.5 BB BL		
	20	2668970000
APP ITB 2.5 BB BL VI		
	20	2881640000
AEB 35 SCL/1 V0		
	20	2661280000
AEB ITB 2.5/4 BB BL		
	25	2690440000
AEB ITB 16 BB BL		
	20	2669130000
ATPG 1.5-10 L		
	0.2 A 50	1991890000
ATPG 2.5 MHR		
	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 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 UK CA

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	20	2881640000
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
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



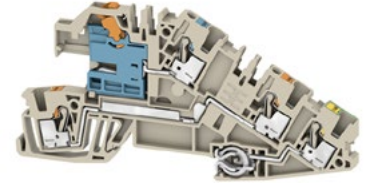


AITB 2.5 BB LL-PE

2.5 mm²

AITB 2.5 BB NDT-L-PE

2.5 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
250			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-2

Rated data			
IEC	UL	CSA	EN 60079-7
250			
27			
2.5			
	4 kV / 3		
	A3 / V-0		

Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V

CE UK CB			
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			
Rated voltage			
400			
250			
250			

CE UK CB			
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			
Rated voltage			
400			
250			
250			

Note

Note

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
AITB 2.5 BB LL-PE	50	2668930000

Type	Qty.	Order No.
AITB 2.5 BB NDT-L-PE	50	2668950000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
	blue, incl. metal holder for the busbar
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
Marking tags	
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 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	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 MHR	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

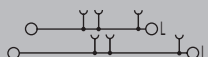
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
APP ITB 2.5 BB BL VI	20	2881640000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	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

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 UK CA

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	20	2881640000
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
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





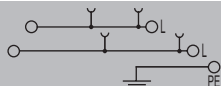
AITB 4 BB L-L-PE

4 mm²



6.1 x 110.2 x 53.2

30 / 6
0.14...6



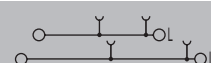
AITB 4 BB L-L

4 mm²



6.1 x 110.2 x 53.2

30 / 6
0.14...6



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
max. current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version
Note

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate	
dark beige	
Support bracket for 10 x 3 (required every 20 cm)	
blue	
blue, incl. metal holder for the busbar	
End bracket	
dark beige, direct mounting	
blue	
blue	
Test adapter	
1-pole	
stackable	
Test plug	
Screwdriver	
Standard	
Busbar 10 x 3 (140 A)	
Marking tags	
For detailed information on other accessories and application in the online catalogue	

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

IEC	UL	CSA	EN 60079-7
250			
36			
4	AWG 26...10		
		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 L-L-PE	25	2669080000

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	20	2881650000
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 4 MHR	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

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
36			
4	AWG 26...10		
		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 L-L	25	2669070000

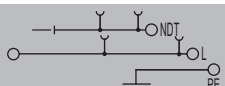
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
APP ITB 4 BB BL VI	20	2881650000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	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 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

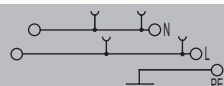
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
APP ITB 4 BB BL VI	20	2881650000
AEB 35 SCL/1 VO	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-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	AWG 26...10		
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	20	2881650000
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 4 M-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





Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	dark beige
Note	

Accessories

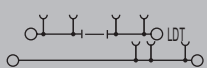
Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	orange
Marking tags	
For detailed information on other accessories and application in the online catalogue	

AITB 2.5 LDT-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 LDT-L	50	2668980000

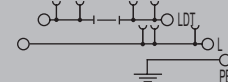
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	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

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	50	2669040000

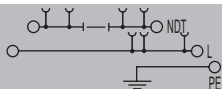
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	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

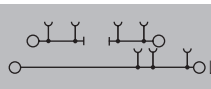
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 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 without separator	50	2668990000

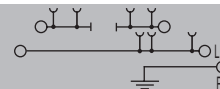
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 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 without separator	50	2669050000

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





Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, direct mounting
	blue
	blue
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
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	
	orange
Marking tags	
For detailed information on other accessories and application in the online catalogue	

AITB 2.5 L-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
Rated voltage	
	400
	250
	250

Type	Qty.	Order No.
AITB 2.5 L-L-PE	50	2669010000

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 MHR	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 N-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
Rated voltage	
	400
	250
	250

Type	Qty.	Order No.
AITB 2.5 N-L-PE	50	2669020000

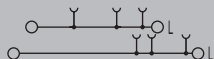
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/3	24 A 60	1527570000
ZQV 2.5N/4	24 A 60	1527590000
ZQV 2.5N/10	24 A 20	1527690000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
AEB ITB 2.5/4 BB BL	25	2690440000
AEB ITB 16 BB BL	20	2669130000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	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			

CE cULus UK CA

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 accessories

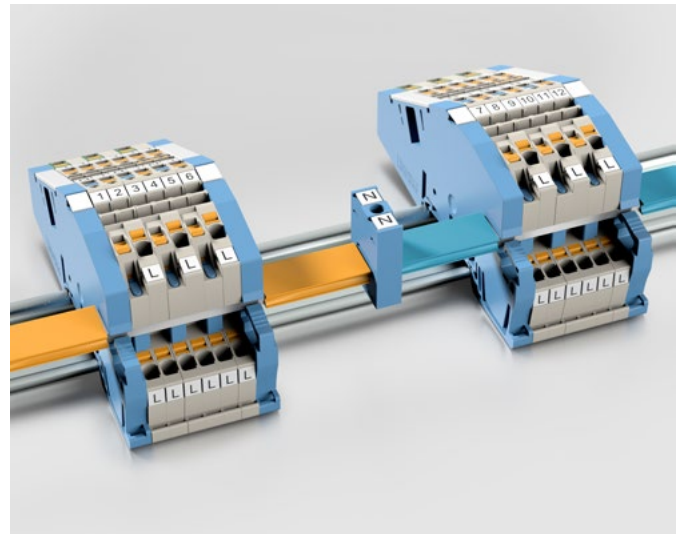
Safe and flexible covering of live components

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

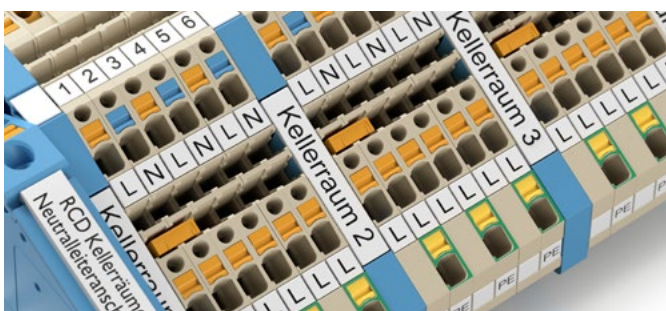
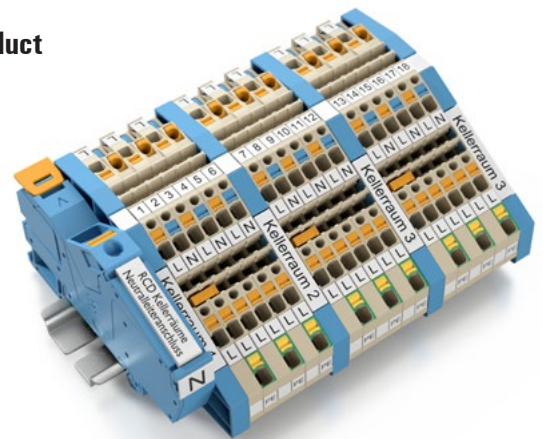
BB-CV

Type	Length	Qty.	Order No.
BB-CV AITB 3X10	300 mm	10	2911380000
BB-CV AITB 3X10 BL	300 mm	10	2918930000
Busbar			
SSCH 10X3X1000 CU/SN	1000 mm		0348900000



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.

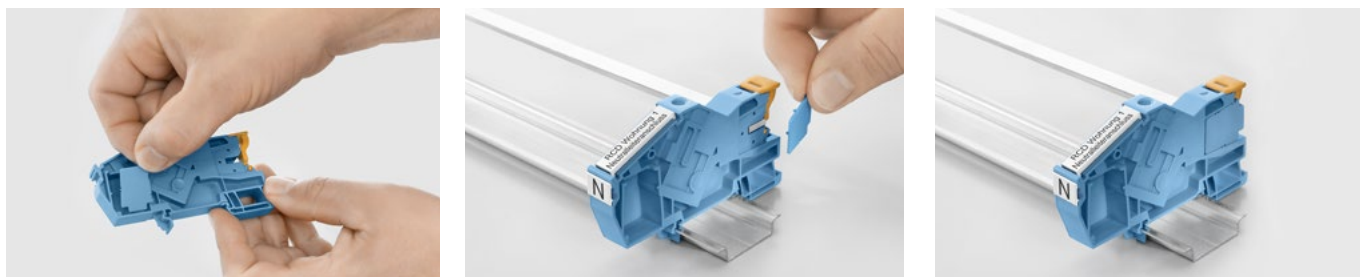


Clean and clear distinction of internal and external wiring within the cabinet

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.

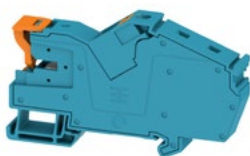


AITB 16 BB NLO

16 mm²

AEB ITB 16 BB BL

AEB ITB 2.5/4 BB BL



Dimensions	
Width/Height/Depth	mm
Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C
Material	polyamide 66
Rated data	
Rated voltage	V
Rated current	A
Rated impulse withstand voltage / Pollution severity	8 kV / 3
Gauge to IEC 60947-1 / UL 94 flammability rating	A6 / V-0
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ² 0,5...16 / 0,5...16
Flexible / Flexible with ferrule	mm ² 0,5...16 / 0,5...16
Stripping length / Blade size	mm/- 18 / 1,0 x 5,5 mm
Ordering data	
	blue
Note	

IEC	UL	CSA
91.15/52.9/12		
-60 °C		
130 °C		
polyamide 66		
1000		
65		
	8 kV / 3	
	A6 / V-0	
Type	Qty.	Order No.
AITB 16 BB NLO	20	2669140000

IEC	UL	CSA
91.15/52.9/12		
-60 °C		
130 °C		
polyamide 66		
Type	Qty.	Order No.
AEB ITB 16 BB BL	20	2669130000

IEC	UL	CSA
6.1 x 50.5 x 104		
-60 °C		
130 °C		
polyamide 66		
Type	Qty.	Order No.
AEB ITB 2.5/4 BB BL	25	2690440000

L-BOXX 102 installation terminal starter set for electrical installers Klippon® Connect Terminal Blocks for building installation wiring

The L-BOXX 102 in Weidmüller design

The L-BOXX is an innovative storage system that ensures order and efficiency in various industries, especially in the skilled trades. Developed by Bosch Sortimo, the L-BOXX offers a clever solution for storing, transporting and organizing tools, materials and accessories. Their modular design allows a wide variety of boxes to be interconnected and customized.

Thanks to robust material and well thought-out interior design, the contents are optimally protected and organized. The L-BOXX impresses with its stackability, a comparably light weight, mobility and easy handling, which makes it an essential accessory for professionals and hobby craftsmen alike.



Everything at hand: For immediate use on the construction site

Our range of L-BOXXes from Bosch - Sortimo in the special Weidmüller design are the ideal companion for electricians. The starter sets or starter kits contain a wide selection of 3-wire installation terminal blocks and other terminal blocks for the wiring of main distribution boards and sub-distribution boards.

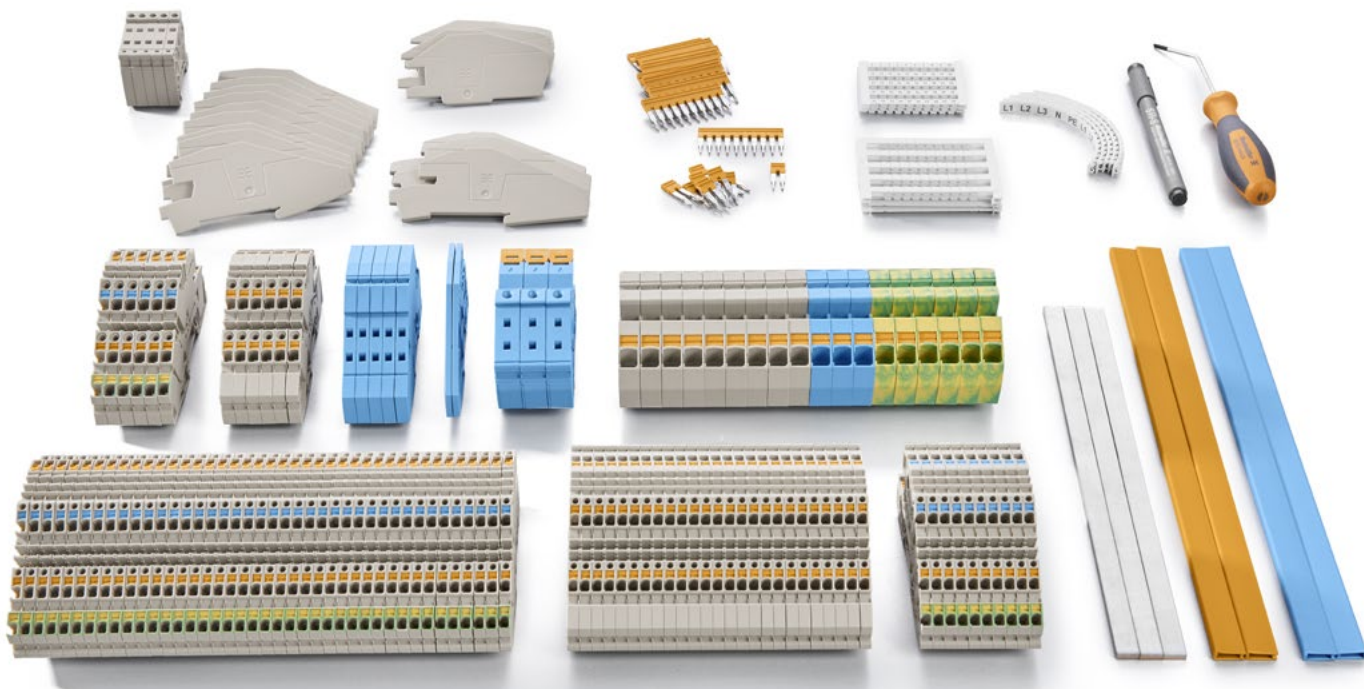
Efficient work and a professional presentation guaranteed – all in a handy box in Weidmüller design.

Integration into the L-BOXX system

The modular design makes it possible to connect and individually adapt a wide variety of L-BOXXes from Bosch - Sortimo. Thanks to robust material and well thought-out interior design, the items are optimally protected and organized.

The L-BOXX impresses with its light weight, stackability, mobility and easy handling, making it an essential choice for professionals and hobby craftsmen alike.





Products inside our L-BOXX 102 KC AITB INSTA 1 (2938390000)

L-BOXX 102 (empty assortment box)

The empty L-BOXX 102 in Weidmüller design offers flexible storage solutions. With five assortment trays inside, it allows for orderly storage of small parts, tools and accessories.

Combine the L-BOXX 102 with other L-BOXX variants from different suppliers and benefit from the flexibility and stackability of the system.



Ordering data

Type	Qty.	Order No.
L-BOXX 102 CASE EMPTY WITH 5 TRAYS	1	2941370000

L-BOXX 102 KC AITB INSTA 1

The L-BOXX 102 set INSTA 1 includes a wide range of 3-wire installation terminal blocks, as well as other terminal blocks and accessories for wiring main distribution boards and sub-distribution boards.

(See picture above)



Ordering data

Type	Qty.	Order No.
L-BOXX 102 KC AITB INSTA 1	1	2938390000

B

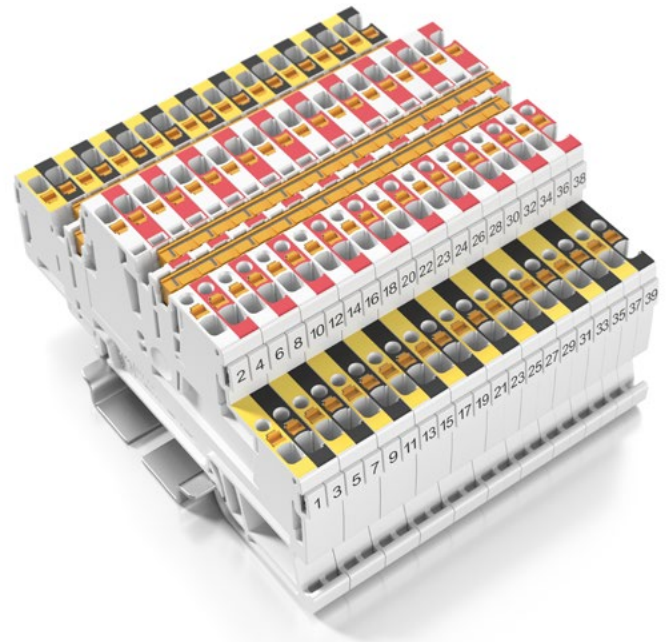


KNX-Bussystem simple and clear wiring

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:

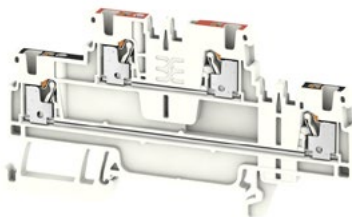
- Numerous marking possibilities
- Colour coded terminals for each wire colour
- Standardised accessories
- Minimal space requirements thanks to 3.5 mm individual terminal width





A2T 1.5 KNX RD-BK

1.5 mm²

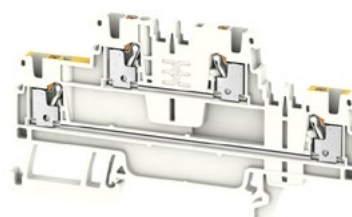


3.5 x 84 x 45
17.5 / 1.5
0.14...1.5



A2T 1.5 KNX WT-YL

1.5 mm²



3.5 x 84 x 45
17.5 / 1.5
0.14...1.5



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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
Note	

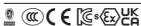
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

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

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		440	
17.5		13.5	
1.5		1.5 mm ²	
		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.
A2T 1.5 KNX RD-BK	50	2652200000

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 MHR	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

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		440	
17.5		13.5	
1.5		1.5 mm ²	
		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.
A2T 1.5 KNX WT-YL	50	2652210000

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 MHR	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



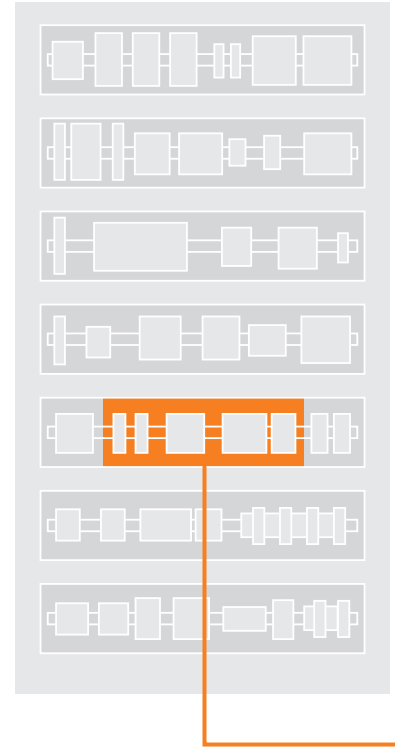
Efficient implementation of testing and measurement switchgear

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.

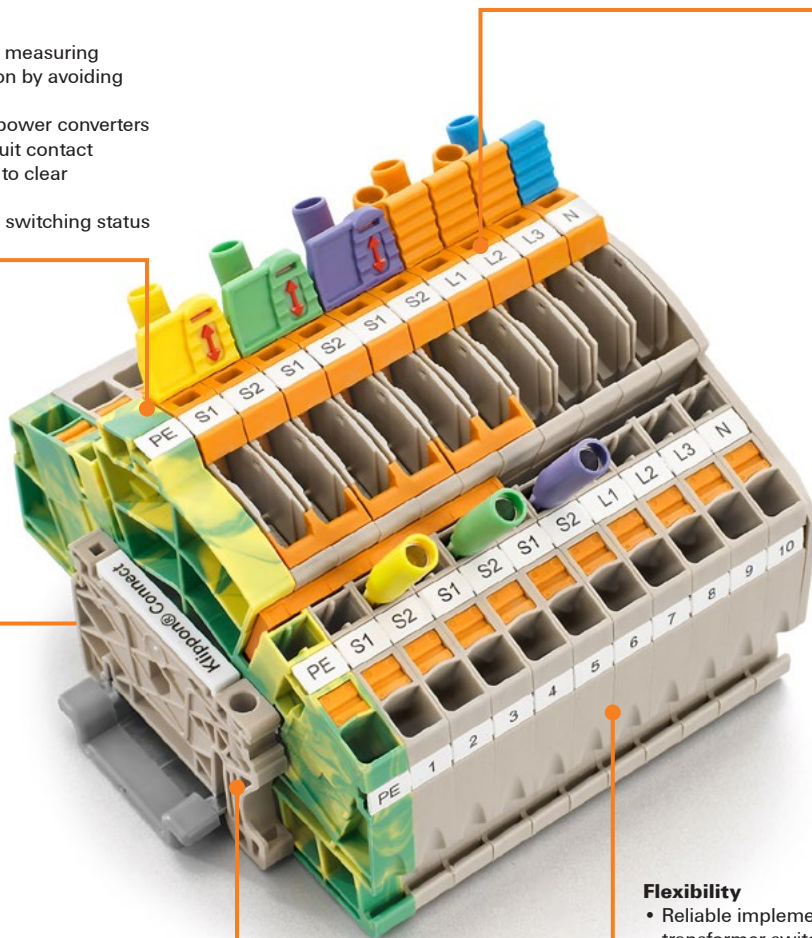


Safety

- 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



Flexibility

- Reliable implementation of all standard transformer switching applications
- Specially developed for all conceivable requirements

Time saving

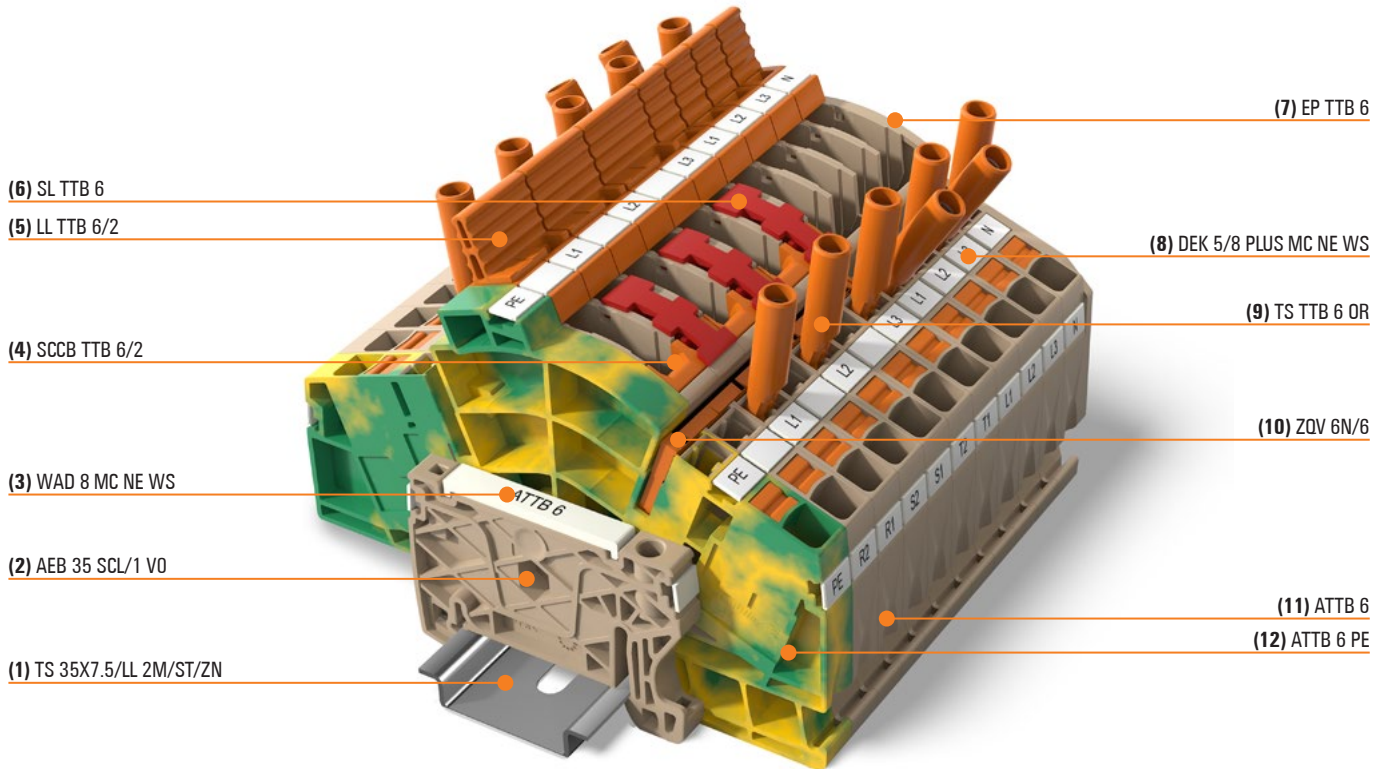
- Extensive range of accessories consisting of test adapters, cross-connections and markers
- PUSH IN technology for quick, safe wiring
- Make before breake function exclusive to the TTB family

B



Klippon® Connect TTB-Range

Technical details and order numbers



Overview of ordering data

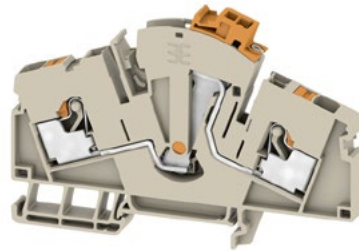
Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	051450000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	266128000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	111291000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	271019000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	271020000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	271021000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	271023000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	271030000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	271044000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	271045000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	271046000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	271037000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	272610000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	272611000
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	271022000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	271017000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	104635000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	271047000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	273395000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	273396000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	273397000
11	Instrument transformer wiring terminal block	ATTB 6	8.1 x 69 x 100 mm	dark beige*	50	271009000
12	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	271010000

* More colored version you will find inside our online catalogue



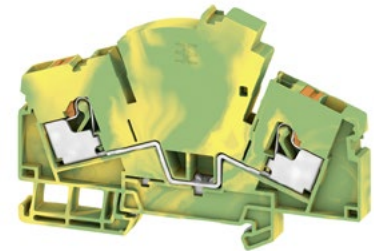
ATTB 6

6 mm²



ATTB 6 PE

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 100 x 68	
30 / 10	
0.5...10	

8.1 x 100 x 68	
/ 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		600	
30		29	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A5 / V-0			

CE

Rated connection			
0.5...6 / 0.5...6			
0.5...10 / 0.5...6			
12 / 0.8 x 4.0 mm			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	
/ 3			
A5 / V-0			

CE

Rated connection			
0.5...6 / 0.5...6			
0.5...10 / 0.5...6			
12 / 0.8 x 4.0 mm			

Note

Ordering data

Version	dark beige Green/yellow
Note	

Type	Qty.	Order No.
ATTB 6	50	2710070000

Type	Qty.	Order No.
ATTB 6 PE	50	2710080000

Accessories

Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
	blue
	green
	yellow
	Black
	violet
Switch Lock	
Cover	
	Textile cover
	Cover profile
	Cover support
Marking tags	

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

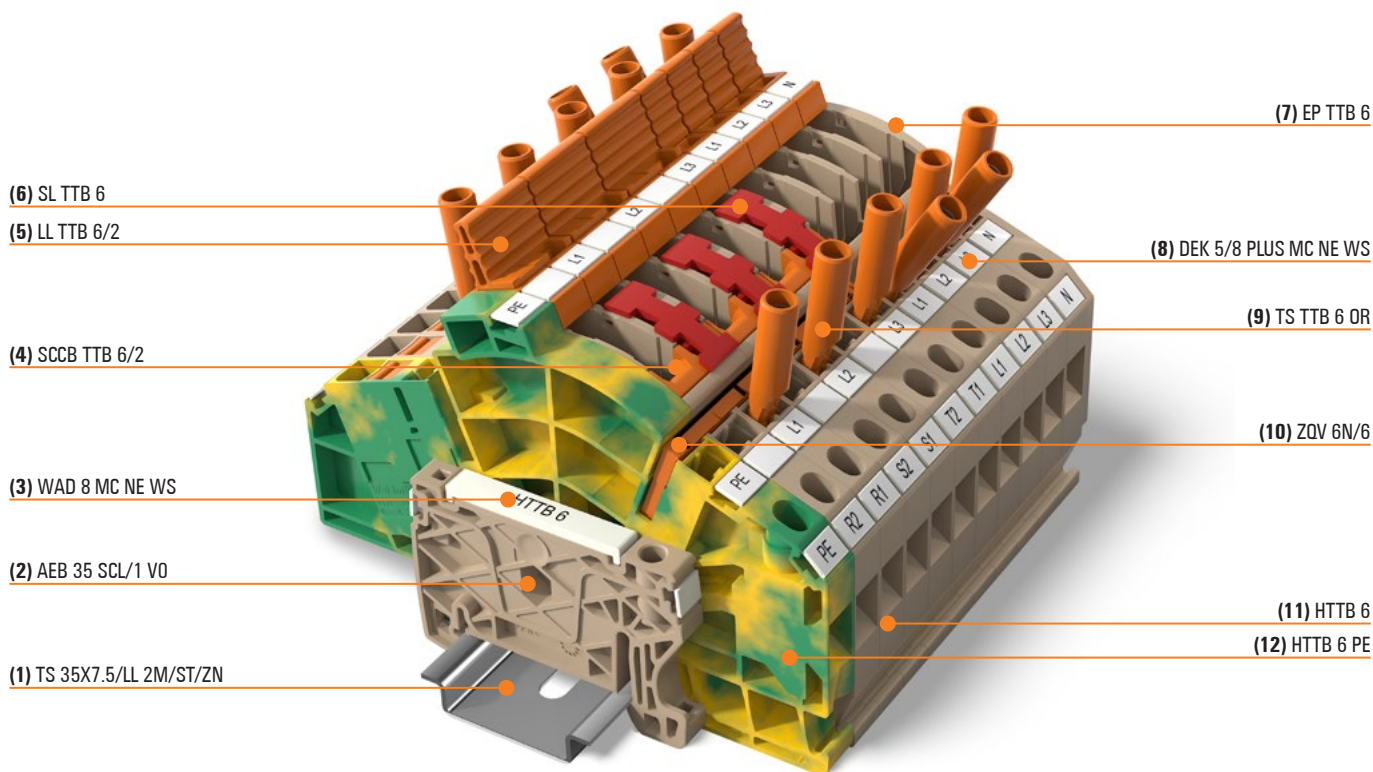
Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
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



Klippon® Connect TTB-Range

Technical details and order numbers



B

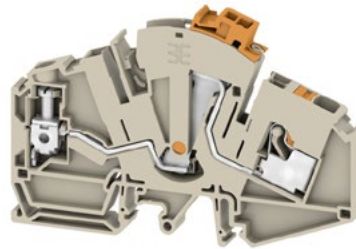
Overview of ordering data

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	051450000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	266128000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	111291000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	271019000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	271020000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	271021000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	271023000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	271030000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	271044000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	271045000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	271046000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	271037000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	272610000
Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	272611000	
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	271022000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	271017000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	104635000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	271047000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	273395000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	273396000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	273397000
11	Instrument transformer wiring terminal block	HTTB 6	8.1 x 69 x 100 mm	dark beige*	50	271011000
12	Instrument transformer wiring terminal block PE	HTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	271012000

* More colored version you will find inside our online catalogue

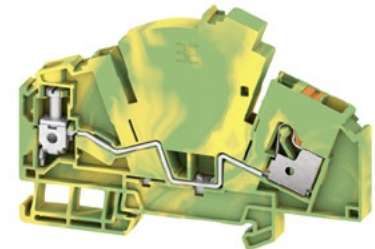
HTTB 6

6 mm²



HTTB 6 PE

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 100 x 68	
30 / 10	
0.5...10	

8.1 x 100 x 68	
/ 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque	Nm
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		600	
30		29	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A4 / V-0			

CE

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...6	
0.8...1.6	
12 / 0.8 x 4.0 mm	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		600	
30		29	
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A4 / V-0			

CE

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...6	
0.8...1.6	
12 / 0.8 x 4.0 mm	

Ordering data

Version	
	dark beige
	Green/yellow
Note	

Type	Qty.	Order No.
HTTB 6	50	2710110000

Type	Qty.	Order No.
HTTB 6 PE	50	2710120000

Accessories

Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	
	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
	blue
	green
	yellow
	Black
	violet
Switch Lock	
Cover	
	Textile cover
	Cover profile
	Cover support
Marking tags	
For detailed information on other accessories and application in the online catalogue	

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

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

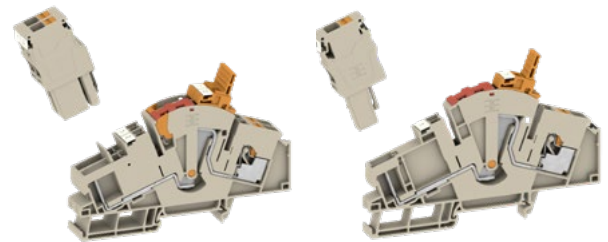
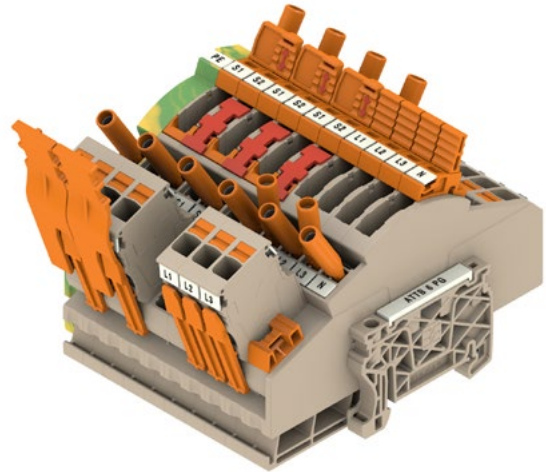


Simple, fast and safe wiring of current and voltage transformers

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.



B

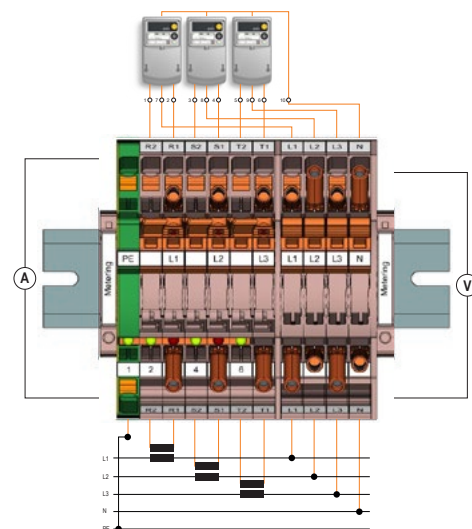
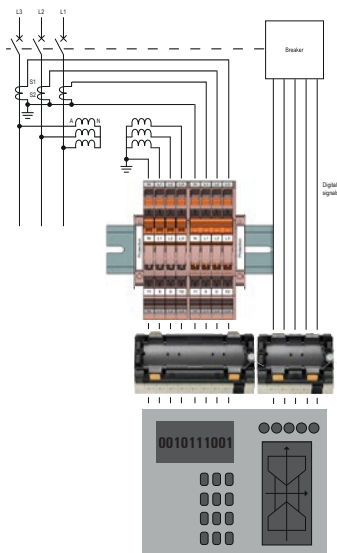
In current transformer circuits, the ATTB 6 PG CT is equipped with a specially designed 2 and 3 pole self-shorting plug able to guarantee a Make Before Break (MTB) contact under every handling condition. For voltage circuits a simple feed-through plug offered with the ATTB 6 PG VT guarantees the same 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

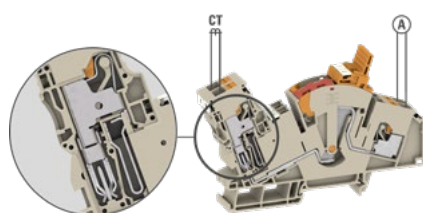
The increased wiring effort required by protective relay circuits can be optimally managed with the ATTB 6 PG. Thanks to its pluggable interface, tangible operational advantages are made possible without compromising safety.

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.

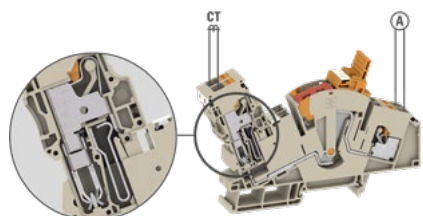
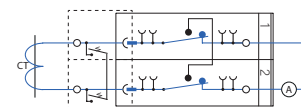
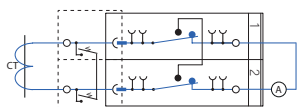
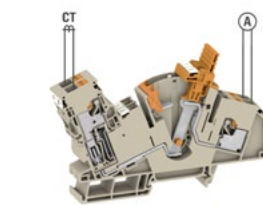


Voltage circuits do not require special operational safety other than avoiding short circuit on the secondary wiring if a VT is used. For current transformer assisted circuits, it is on the other hand of paramount importance to perform a preliminary shorting of a CT prior to any circuit opening.



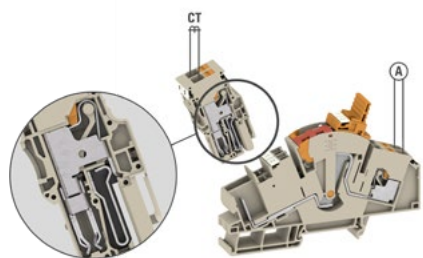
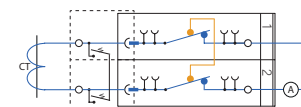
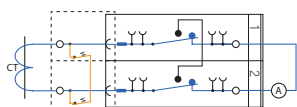
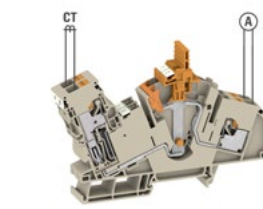
Normal operation – CT circuits

In normal operation, the plug is fully inserted. The circuit is closed and the current flows via the terminal blocks and the plug.



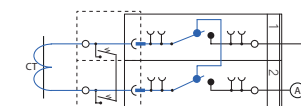
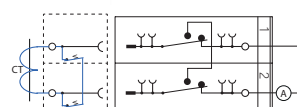
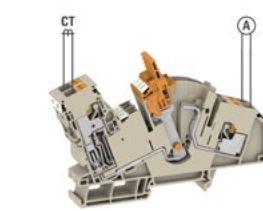
Make Before Break (MBB)– CT circuits

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.

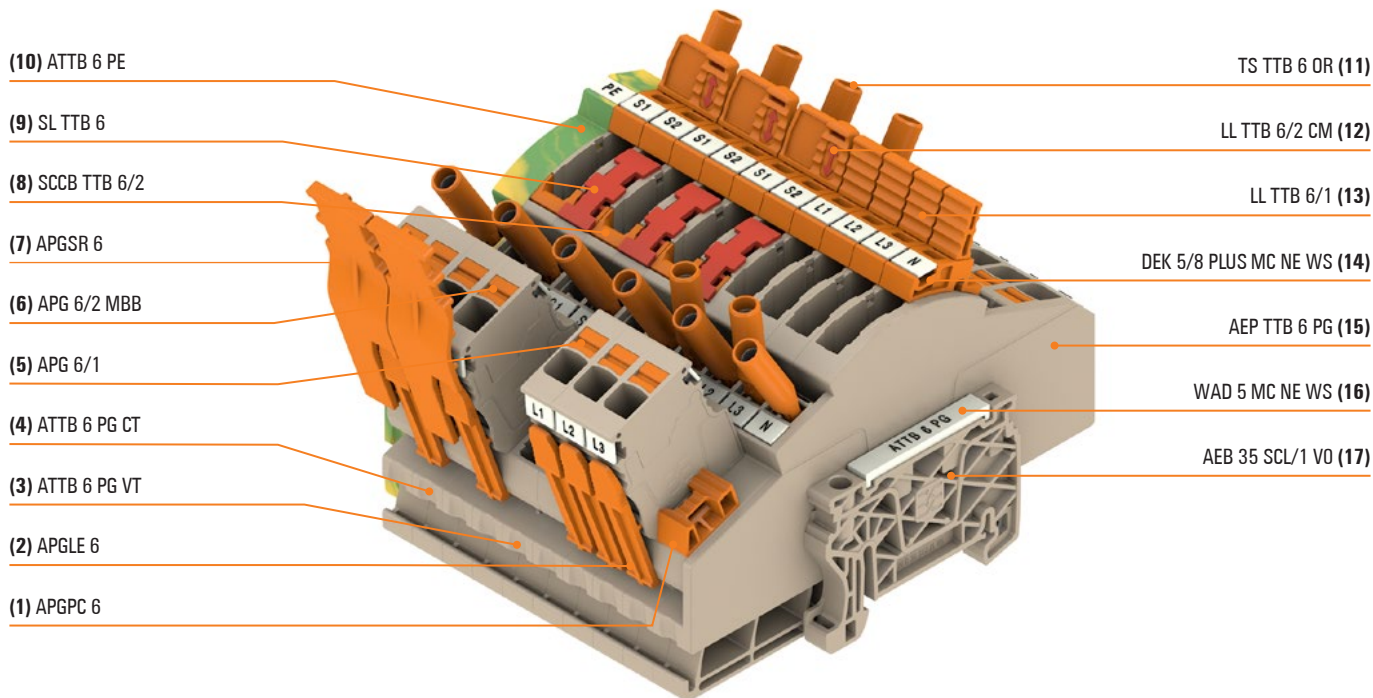


B



Klippon® Connect TTB-Range

Technical details and order numbers



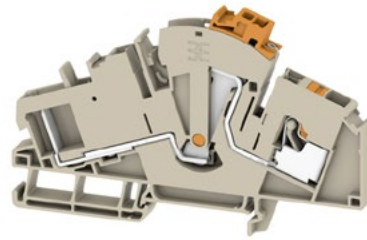
Overview of ordering data

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

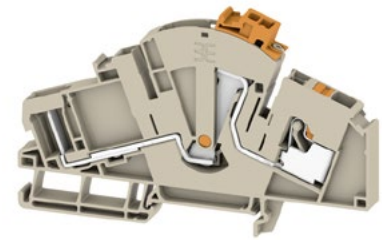
ATTB 6 PG CT

6 mm²



ATTB 6 PG VT

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 109 x 68	
30 / 10	
0.5...10	

8.1 x 109 x 68	
30 / 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque	-
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
30	10	10	
6	AWG 22...8	AWG 22...8	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
30	29	29	
6	AWG 22...8	AWG 22...8	

6 kV / 3
A5 / V-0

6 kV / 3
A5 / V-0



Rated connection	
0.5...6 / 0.5...6	
0.5...10 / 0.5...6	
12 / 0.8 x 4.0 mm	



Rated connection	
0.5...6 / 0.5...6	
0.5...10 / 0.5...6	
12 / 0.8 x 4.0 mm	

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
ATTB 6 PG CT	50	2762280000

Type	Qty.	Order No.
ATTB 6 PG VT	50	2762290000

Accessories

Plug	1-pole 2-pole 3-pole 4-pole
Short circuit bridge	2-pole 3-pole 4-pole
Cross-connector	6-pole 7-pole 10-pole
End plate	dark beige
Lever link	1-pole 2-pole for comparative measurement 2-pole
Test plug	orange
Switch Lock	
Marking tags	
Plug with make before break-function (MBB)	2-pole 3-pole
For detailed information on other accessories and application in the online catalogue	

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
AEP TTB 6 PG	20	2762310000
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
SL TTB 6	50	2710220000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC WS LRP	800	2770670000
APG 6/2 MBB	30 A 20	2762330000
APG 6/3 MBB	30 A 20	2762340000

Type	Qty.	Order No.
APG 6/1	30 A 50	2762320000
APG 6/2	30 A 25	2882750000
APG 6/3	30 A 25	2882690000
APG 6/4	30 A 25	2829060000
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
AEP TTB 6 PG	20	2762310000
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
SL TTB 6	50	2710220000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC WS LRP	800	2770670000

Instrument transformer wiring TTB Range – Accessories

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.



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.



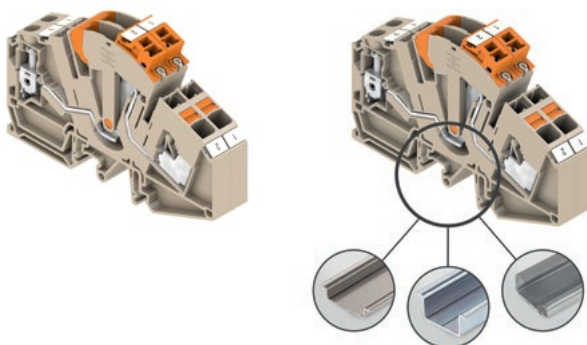
Switch lock

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.



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.



ZQV 6N/...



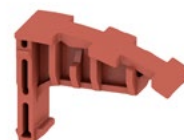
Type	Qty.	Order No.
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000

TTB 6 PE



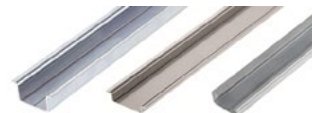
Type	Qty.	Order No.
ATTB 6 PE	50	2710080000
WTTB 6 PE	50	2710100000
HTTB 6 PE	50	2710120000

SL TTB 6



Type	Qty.	Order No.
SL TTB 6	50	2710220000

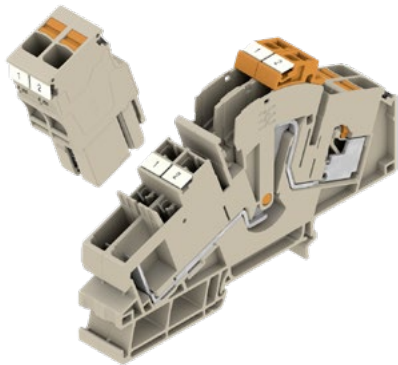
TS35 x... / TS32 x...



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

Achtung!!
Die Seiten bis einschließlich B.231
wurden komplett aus dem CAT1.A 2024
übernommen

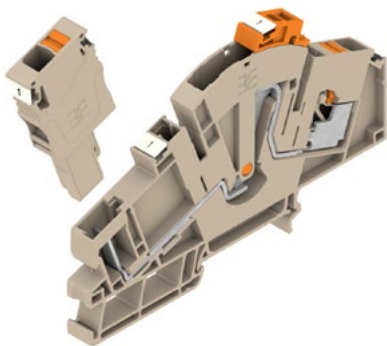


Plug with MBB function

The specially designed 2- and 3-pole self shorting plugs offer, in addition to all handling advantages, a guarantee make-before-break contact.

Type	Qty.	Order No.
APG 6/2 MBB	50	2762330000
APG 6/3 MBB	50	2762340000

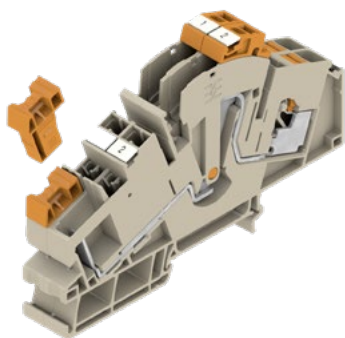
B



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.

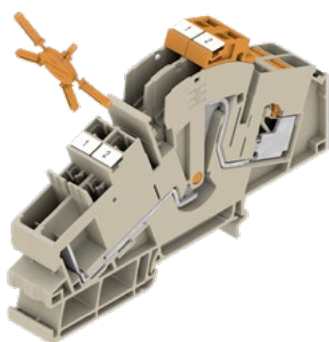
Type	Qty.	Order No.
APG 6/1	50	2762320000
MCV APG 6	50	2762380000



Protective cover

The cover of the plug contact offers protection from external influences, e.g. soiling from dust.

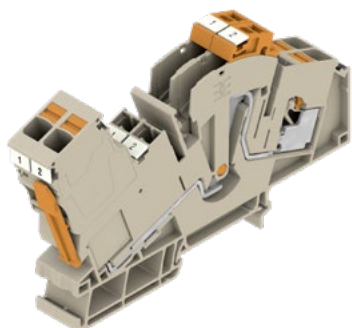
Type	Qty.	Order No.
APGPC 6	50	2762410000



Coding element

With the use of coding pins, individual coding options ensure trouble-free plug-in connection.

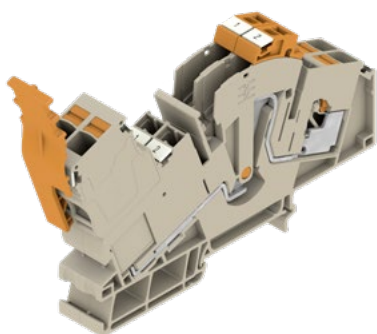
Type	Qty.	Order No.
APGCE	50	1514490000



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

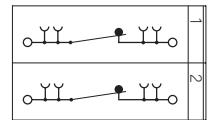
Changing a Protection/Metering device



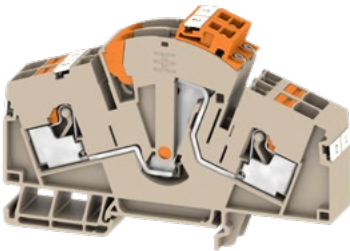
Planning and installation: Equipping the terminal blocks with accessories

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 its dedicated channel. Once mounted, the short circuit bridge cannot be removed from the application.

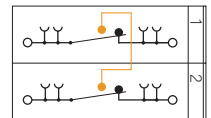


B



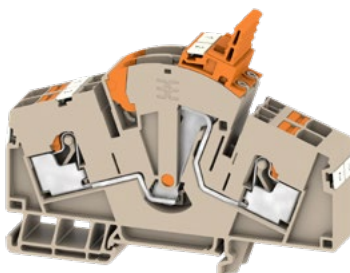
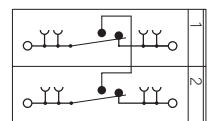
2. SCCB TTB 6 short circuit bridge installation completed

When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



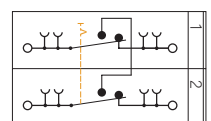
3. LL TTB 6 lever link installation in progress

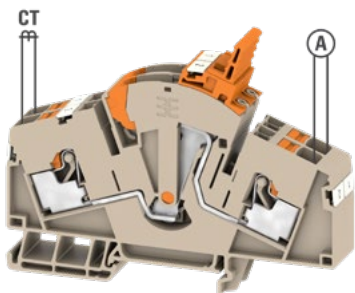
The lever link is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



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.

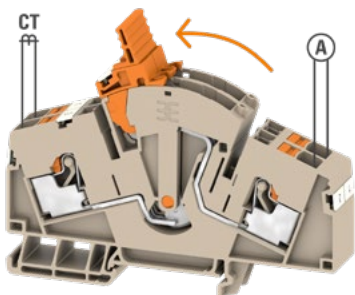
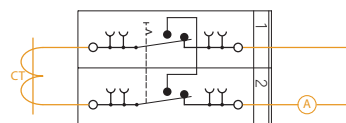




Installation: Wiring transformer and ammeter wiring

Wiring of current transformer and ammeter

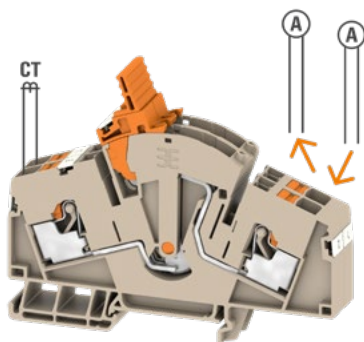
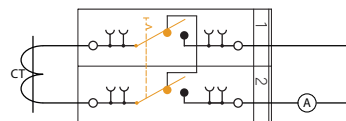
The transformer will be connected in the clamping units upstream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.



Operation: Changing an ammeter

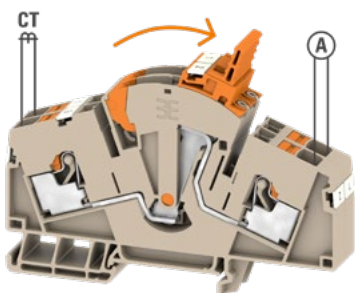
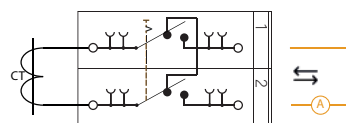
1. Switching the lever link

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.



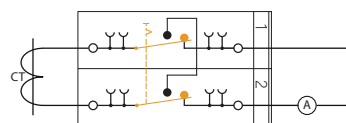
2. Replacing the ammeter

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.



B



Application examples

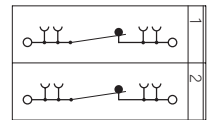
Performing a comparative measurement



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 its dedicated channel. Once mounted, the short circuit bridge cannot be removed from the application.

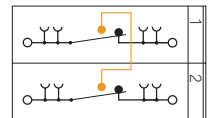


B



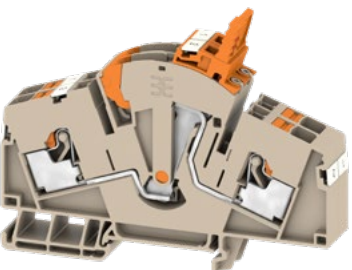
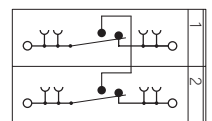
2. SCCB TTB 6 short circuit bridge installation completed

When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



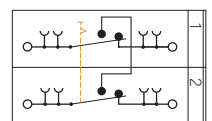
3. LL TTB 6 CM lever link installation in progress

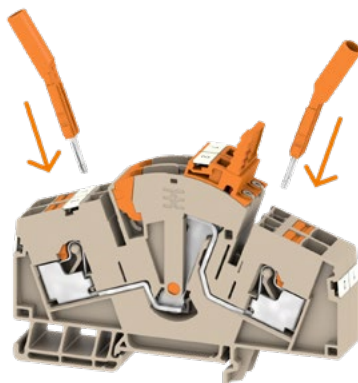
The CM lever link (having long, asymmetrical, red coloured foot) is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



4. LL TTB 6 CM lever link installation completed

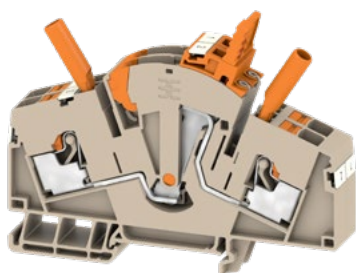
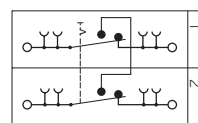
The mechanical connection of the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers. By lifting the LL TTB 6 CM, the two (or more) disconnect levers of the terminal blocks are disengaged from each other and can be switched independently. Prior to any re-energising of the circuit, the CM needs to be pushed down into original position and the circuit closed.





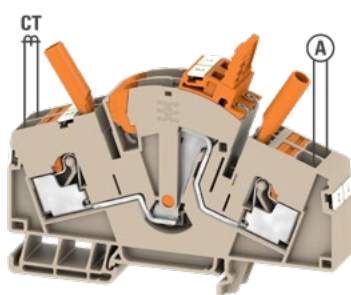
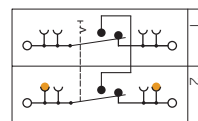
5. TS TTB 6 test sockets installation in progress

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.



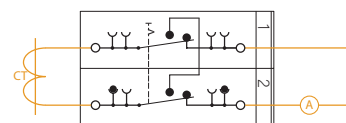
6. TS TTB 6 test sockets installation completed

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 upstream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.

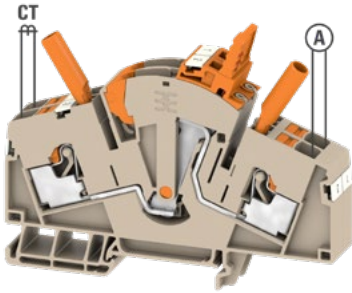


B



Application examples

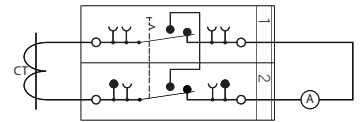
Performing a comparative measurement



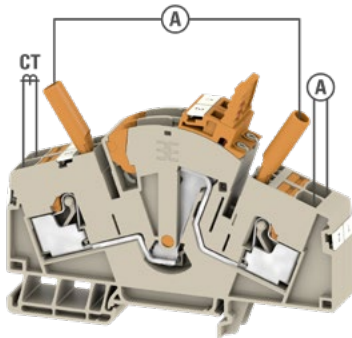
Operation: Performing a comparative measurement

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.

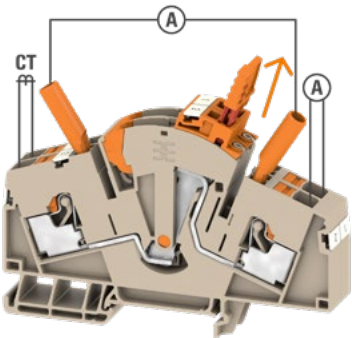
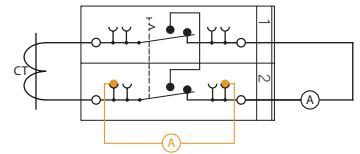


B



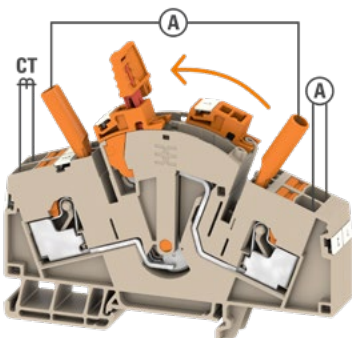
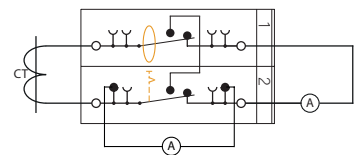
2. Connection of a reference measuring (calibrated) instrument

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 parallel the calibrated instrument to the terminal block, where the disconnection will take place.



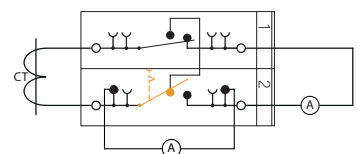
3. Lifting up the LL TTB 6 CM lever link

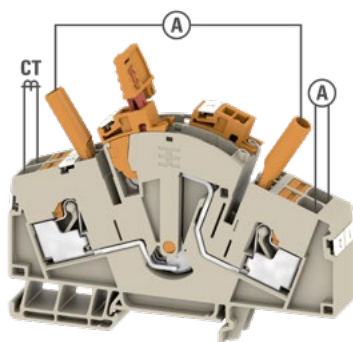
Lifting up the lever link LL TTB 6 CM causes a mechanical decoupling of the two disconnect levers. Now the two disconnect levers can be operated independently from each other within this application.



4. Switching the LL TTB 6 CM lever link

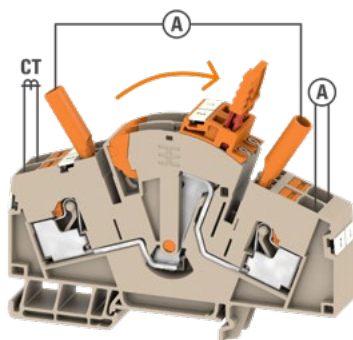
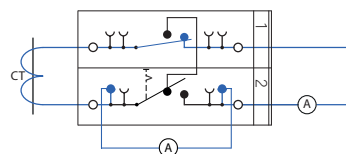
By switching the previously decoupled lever link, the current flow is diverted from the terminal block through the now parallel-connected reference measuring instrument.





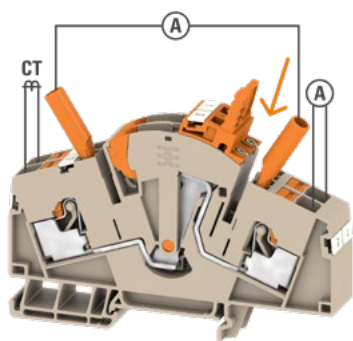
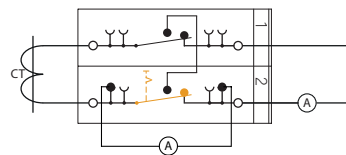
5. Performing the comparative reading of the two ammeters

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.



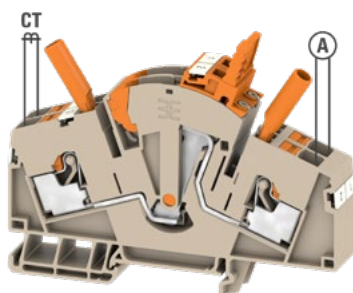
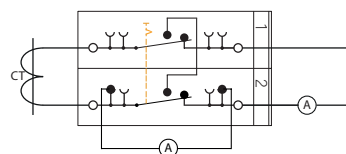
6. Restoring the lever link back into original position

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.



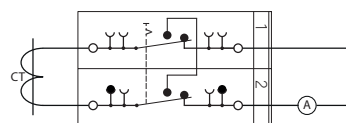
7. Pressing down the LL TTB 6 CM lever link

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.



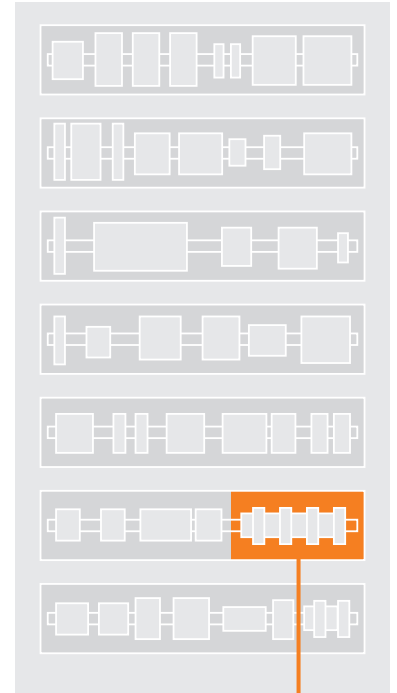
Safe, error-free plant operation

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.

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.



B

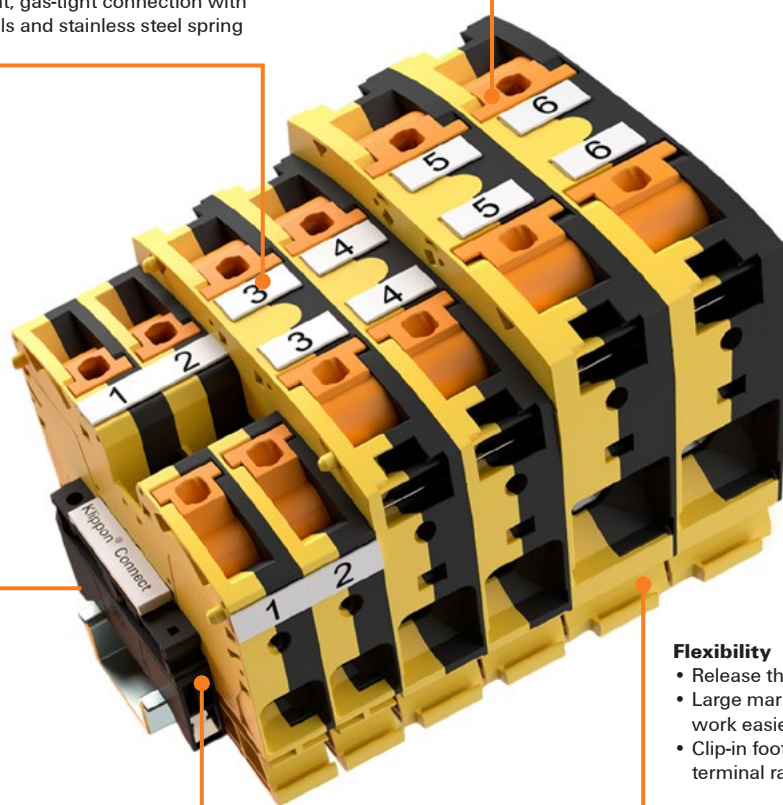


Safety

- 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

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

**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





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 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



Shielding and earthing
Functional earth – PUSH IN connection



A2C 2.5 FE WT

2.5 mm²

A4C 2.5 FE WT

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

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

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

Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
/ 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			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
/ 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	white
Note	

Type	Qty.	Order No.
A2C 2.5 FE WT	50	2690460000

Type	Qty.	Order No.
A4C 2.5 FE WT	50	2690470000

Accessories

End plate	dark beige
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Marking tags	

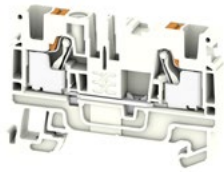
Type	Qty.	Order No.
AEP 2C 2.5	50	1514400000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE 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

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 MHR	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
			550
			28
4			4 mm ²
	8 kV / 3		
	A4 / V-0		

CE KEUR UK PA

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

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
			550
			37
6			6 mm ²
	8 kV / 3		
	A5 / V-0		

CE KEUR UK PA

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

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
			550
			52
10			10 m ²
	/ 3		
	A6 / V-0		

CE KEUR UK PA

Rated connection

0.5...10 / 0.5...16
0.5...16 / 0.5...10
0.5...4
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 4 FE WT	50	2734150000

Type	Qty.	Order No.
A2C 6 FE WT	50	2734160000

Type	Qty.	Order No.
A2C 10 FE WT	25	2734170000

Type	Qty.	Order No.	
AEP 2C 4	50	2051680000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MHR	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	
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.	
AEP 2C 6	50	1991970000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	20	2661280000	
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 6 MHR	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	

Type	Qty.	Order No.	
AEP 2C 10/16	20	2490380000	
AEB 35 SC/1	50	1991920000	
AEB 35 SCL/1 VO	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 – PUSH IN connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	yellow/black
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

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

AL2C 2.5 FE

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	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			



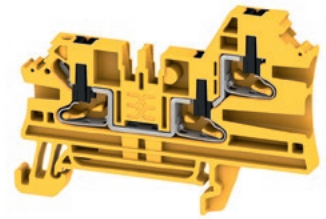
Rated connection	
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
AL2C 2.5 FE	50	2847320000

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 MHR	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

AL3C 2.5 FE

2.5 mm²



5.1 x 68 x 48
24 / 2.5
0.14...2.5

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			



Rated connection	
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

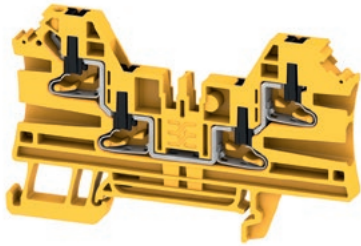
Type	Qty.	Order No.
AL3C 2.5 FE	50	2847450000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ALEP 3C 2.5	20	2871770000
ALEP 3C 2.5 BL	20	2871780000
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 MHR	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

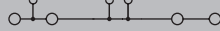
For detailed information on other accessories and application in the online catalogue

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	600	600	550
24	20	20	21.5
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3 A3 / V-0			



Rated connection
0.5...4 / 0.5...2.5
0.5...4 / 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 VO	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

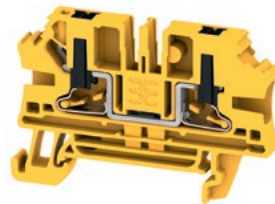
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

AL2C 4 FE

4 mm²



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



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
8 kV / 3 A4 / V-0			



Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL2C 4 FE	50	2871980000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

ALEP 2C 4	20	2871810000
ALEP 2C 4 BL	20	2871820000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000

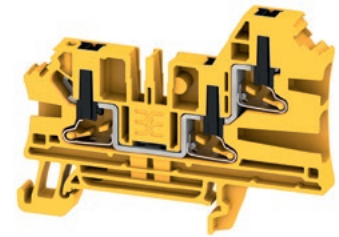
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

AL3C 4 FE

4 mm²



6.1 x 71.5 x 52.5
32 / 6
0.14...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
8 kV / 3 A4 / V-0			



Rated connection
0.5...6 / 0.5...4
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AL3C 4 FE	50	2872100000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000

ALEP 3C 4	20	2871830000
ALEP 3C 4 BL	20	2871840000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000

PS 2.0 MC	20	0310000000
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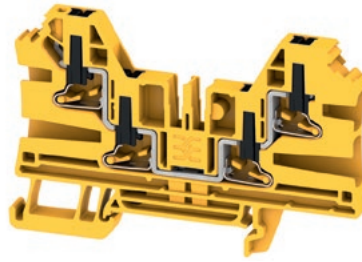
SDIL 0,6X3,5X100	1	2749140000
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WS 10/6 M PLUS MC NE WS	600	2003780000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Shielding and earthing
Functional earth – PUSH IN connection

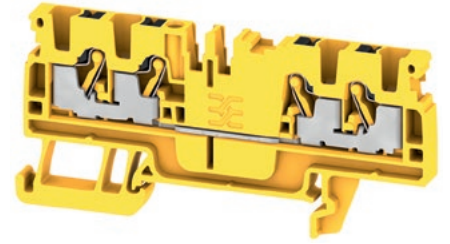
AL4C 4 FE

4 mm²



A4C 2.5 FE

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 83 x 52.5	
32 / 6	
0.14...6	

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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
32			
4	AWG 24...10		
	8 kV / 3		
	A4 / V-0		
Rated connection			
0.5...6 / 0.5...4			
0.5...6 / 0.5...4			
0.5...1.5			
12 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800			550
24			21
2.5			2.5 mm ²
	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			

Note

Ordering data

Version	
	yellow/black
Note	

Type	Qty.	Order No.
AL4C 4 FE	50	2872220000

Type	Qty.	Order No.
A4C 2.5 FE	100	2904720000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	3-pole
	4-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

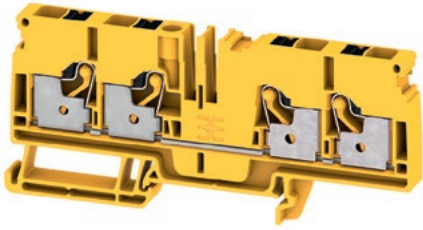
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ALEP 4C 4	20	2871850000
ALEP 4C 4 BL	20	2871860000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000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

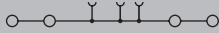
6 mm²



8.1 x 102 x 45.5

41 / 10

0.34...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
41	38		37
6	AWG 22...8		6 mm ²
8 kV / 3			
A5 / V-0			



Rated connection

0.5...6 / 0.5...6

0.5...10 / 0.5...6

0.5...1.5

12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A4C 6 FE	50	2881480000

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	50	2876180000
AEP 4C 6 BL	50	2876190000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	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



Shielding and earthing
Functional earth – PUSH IN connection

A2C 35 FE

35 mm²


A2C 35 DM

35 mm²




Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 101.5 x 71.5
125 / 35
2.5...35



16 x 135 x 71.5
125 / 35
2.5...35




Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1


IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3			
/ V-0			



Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2	AWG 12...2	35 mm ²
8 kV / 3			
/ V-0			



Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Note

Note

Ordering data

Version	
	yellow/black

Note

Type	Qty.	Order No.
A2C 35 FE	10	2551530000

Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

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

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

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

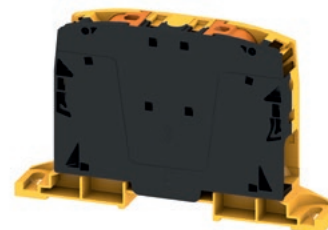
For detailed information on other accessories and application in the online catalogue

A2C 50/70 FE

50 mm²

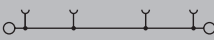
A2C 50/70 FE-DM

50 mm²

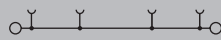


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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



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




Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1


IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
150			128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			



Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
150			128
50	AWG 8...0	AWG 8...NaN	70 mm ²
8 kV / 3			
/ V-0			



Rated connection	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	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	yellow/black
Note	

Type	Qty.	Order No.
A2C 50/70 FE	5	2663270000

Type	Qty.	Order No.
A2C 50/70 FE-DM	5	2663350000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	4-pole
End bracket	
	dark beige, direct mounting
	dark beige, screwable
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	
Cross connections insertable	
	2-pole
	3-pole
Warning labels	

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

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

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



Shielding and earthing
Functional earth – PUSH IN connection

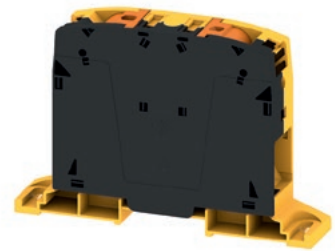
A2C 95/120 FE

95 mm²



A2C 95/120 FE-DM

95 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

25 x 133.5 x 90
232 / 120
25...120

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²
8 kV / 3 / V-0			
Rated connection			
25...120 / 25...120			
25...120 / 25...95			
40 / 1.0 x 5.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			1100
232			211
95	AWG 4...0	AWG 4...0	120 mm ²
8 kV / 3 / V-0			
Rated connection			
25...120 / 25...120			
25...120 / 25...95			
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	yellow/black
Note	

Type	Qty.	Order No.
A2C 95/120 FE	5	2694080000

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	2694170000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole
	4-pole
End bracket	
	dark beige, direct mounting
	dark beige, screwable
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	
Cross connections insertable	
	2-pole
	3-pole
Warning labels	

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

Type	Qty.	Order No.
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
WS-A 8/16 MM WS	200	2619910000
ZQV 95/120N/2	192 A 10	2694250000
ZQV 95/120N/3	192 A 10	2694260000
AAM 35-185 YE FLASH	40	2635600000

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



Installation

Installation	Mounting accessories	C.2
	Assembly instructions	C.26
	Standards and industries	C.32
	Materials	C.40

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 mm² 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.

Cover profiles and support brackets

Several safety regulations, such as the accident prevention regulation “Electrical Installations and Equipment” (VGB 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

- 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

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

Mounting accessories – Busbars

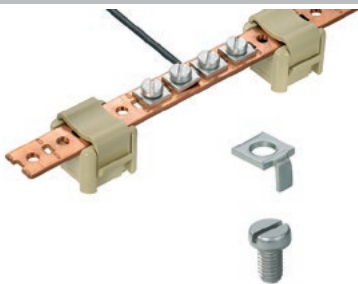
Busbars, unslotted



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	25 M	0348900000
SSCH 10X3X1000 ST/ZN	Steel	10 / 3 / 1000 mm		1 M	0438000000
SSCH 10X3X2000 CU VERZ.	Copper	10 / 3 / 2000 mm	140 A	2 M	1397000000
SSCH 15X6X1000 CU/SN	Copper	15 / 6 / 1000 mm	265 A	1 M	0357400000

Busbars, slotted



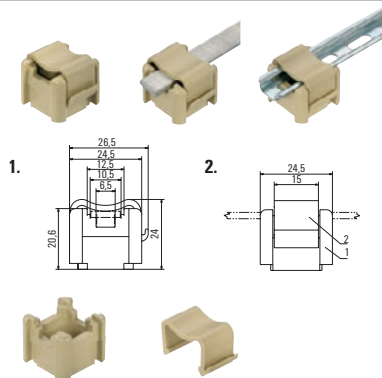
NSch / ESch

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



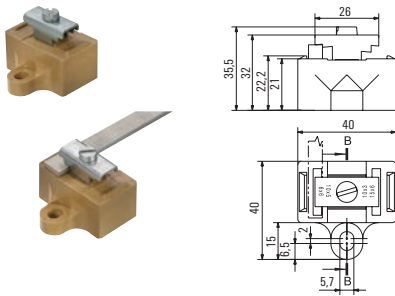
SH 1

Type	Material	Dimensions	Qty.	Order No.	
SH 1	Polyamide 66	26 / 24 / 24,5 mm	20 ST	0299860000	
Individual parts				Qty.	Order No.
SD 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

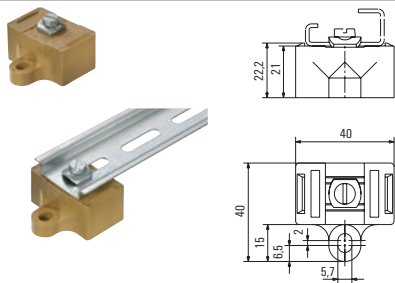
With metal bridge



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

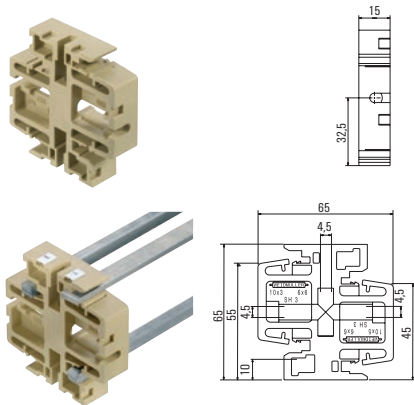


SH 2

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

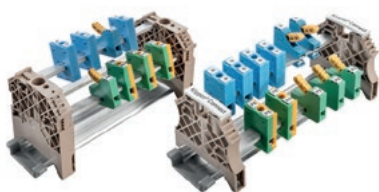
With metal bridge



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	50 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

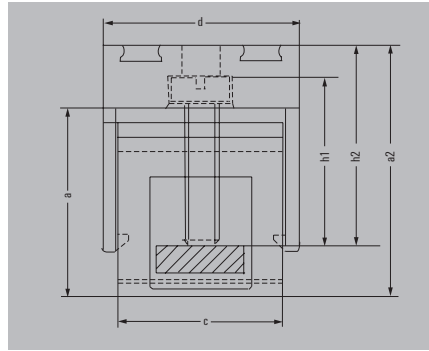


WBBD 16

Type	Rated voltage	Rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WBBD 16 BL	690 V	114 A	1.5...16 mm ²	blue	12 ST	2603850000
WBBD 16 GN	690 V	114 A	1.5...16 mm ²	green	12 ST	2603860000
WBBD 16 GY	690 V	114 A	1.5...16 mm ²	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	A 2/A 4-80
	min. 8.8	[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 mm ²
Flexible	0.5...4 mm ²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 10 x 3 mm

For subsequently slewing-in



Solid	1...10 mm ²
Flexible	1.5...10 mm ²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

for busbar 10 x 3 mm

Also for 10 x 5 mm busbars



Solid	1.5...10 mm ²
Flexible	2.5...10 mm ²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

for busbar 10 x 3 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	16 mm

for busbar 10 x 3 mm



Solid	16...16 mm ²
Flexible	16...35 mm ²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

for busbar 6 x 6 mm



Solid	0.5...6 mm ²
Flexible	0.5...4 mm ²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 6 x 6 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	12 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

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

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

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

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

ZB 4/6

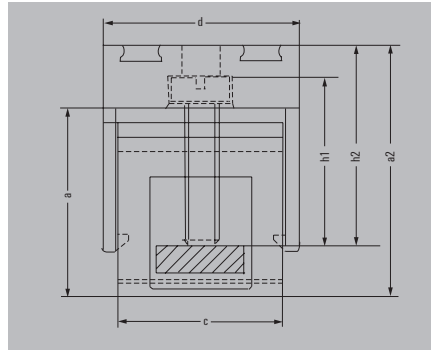
Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6	silver	5.3 mm	12 mm	20 mm	50	0556700000

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

Mounting accessories – Busbars

Clamping yoke, insulated



for busbar 10 x 3 mm



Solid	0.5...6 mm ²
Flexible	...
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 10 x 3 mm

For subsequently slewing-in



Solid	1...10 mm ²
Flexible	1.5...10 mm ²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

for busbar 10 x 3 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	16 mm

for busbar 10 x 3 mm



Solid	16...16 mm ²
Flexible	16...35 mm ²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

for busbar 10 x 3 mm

Tension clamp connection



Solid	0.5...4 mm ²
Flexible	0.5...2.5 mm ²
Stranded	0.5...4 mm ²
Clamping screw	
Stripping length	10 mm

for busbar 6 x 6 mm



Solid	0.5...6 mm ²
Flexible	0.5...4 mm ²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 6 x 6 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	12 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4G BL	blue	7.4 mm	19.5 mm	27 mm	50	0322180000
ZB 4G GN/GE	Green/yellow	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	blue	19 mm	19 mm	20.4 mm	50	0475380000
ZB 4K GE/GN	Green/yellow	6 mm	19 mm	20.4 mm	50	0475360000

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	Green/yellow	8 mm	22.5 mm	19.5 mm	50	0525960000
ZBE 6K SW	black	8 mm	22.5 mm	19.5 mm	50	0525910000

ZB 16K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16K BL	blue	10 mm	19 mm	26.8 mm	50	0502880000
ZB 16K GE/GN	Green/yellow	10 mm	19 mm	26.8 mm	50	0502860000

ZB 35K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35K BL M6X16	blue	14 mm	32 mm	34 mm	20	0502680000
ZB 35K GE/GN M6X16	Green/yellow	14 mm	32 mm	34 mm	20	0502660000
ZB 35K SW M6X16	black	14 mm	32 mm	34 mm	20	0502610000

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

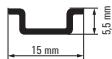
ZB 4 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6K BL	blue	6 mm	25 mm	14.7 mm	50	0565480000
ZB 4/6K GE/GN	Green/yellow	6 mm	25 mm	14.7 mm	50	0565460000

ZB 16 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6K GE/GN	Green/yellow	10 mm	25 mm	30.7 mm	50	0569660000

TS 15 terminal rail



unslotted



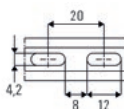
TS 15 x 5

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 mm ²	1.2 kA		2000mm	1.00 mm	10 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 mm ²	1.2 kA		2000mm	1.00 mm	10 M	0117500000
TS 15X5/LL 1M/ST/ZN	10.00 mm ²	1.2 kA		1000mm	1.00 mm	10 M	0117510000

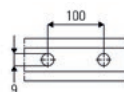
TS 20 terminal rail



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						2 M	2968890000

TS 27 terminal rail



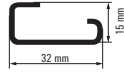
TS 27 x 12.5

Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
TS 27X12.5M/ST/F.ZN					2.00 mm	2 M	1802690000

Mounting accessories – DIN rails

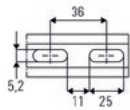
TS 32 terminal rail

unslotted



TS 32 terminal rail

with slot



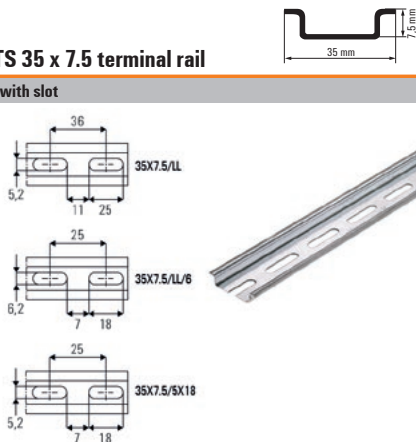
TS 35 x 7.5 terminal rail

unslotted



TS 35 x 7.5 terminal rail

with slot



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 mm ²	8.4 kA	192.00 A	2000mm	1.50 mm	20 M	0169300000
Steel, galvanised and passivated							
TS 32X15 2M/ST/ZN	35.00 mm ²	4.2 kA		2000mm	1.50 mm	20 M	0122800000
Stainless steel, rust-proof							
TS 32X15 2M/CRN				2000mm	1.50 mm	20 M	0293220000

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 mm ²	4.2 kA		2000mm	1.50 mm	20 M	0514400000

TS 35 x 7.5

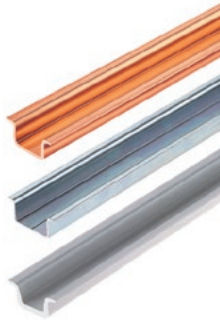
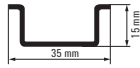
Type	Short circuit strength	Short-time withstand current	PEN function	Length	Thickness	Qty.	Order No.
Copper							
TS 35X7.5/1.0 2M/CU/BK	50.00 mm ²	6 kA	150.00 A	2000mm	1.00 mm	40 M	2731380000
Aluminium							
TS 35X7.5 2M/AL/BK	35.00 mm ²	4.2 kA	125.00 A	2000mm	1.00 mm	40 M	0330800000
Steel, galvanised and passivated							
TS 35X7.5 2M/ST/ZN	16.00 mm ²	1.92 kA		2000mm	1.00 mm	40 M	0383400000
TS 35X7.5 1M/ST/ZN	16.00 mm ²	1.92 kA		1000mm	1.00 mm	20 M	0383410000
Stainless steel, rust-proof							
TS 35X7.5 2M/CRN				2000mm	1.00 mm	40 M	1747350000
TS 35X7.5 2M/CRN 316L					1.00 mm	40 M	2716000000

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 mm ²	1.92 kA		1000mm	1.00 mm	20 M	0514510000
TS 35X7.5/LL 2M/ST/ZN	16.00 mm ²	1.92 kA		2000mm	1.00 mm	40 M	0514500000
TS 35X7.5/LL 2M/ST/SZ	16.00 mm ²	1.92 kA		2000mm	1.00 mm	40 M	7915060000
TS 35X7.5/LL/6 2M/ST/ZN	16.00 mm ²	1.92 kA		2000mm	1.00 mm	40 M	0514570000
TS 35X7.5/LL/6X18 2M/O	16.00 mm ²	1.92 kA		2000mm		40 M	1071690000
TS 35X7.5/5X18 2M/ST/SZ	16.00 mm ²	1.92 kA		2000mm	1.00 mm	40 M	1879090000

TS 35 x 15 terminal rail

unslotted

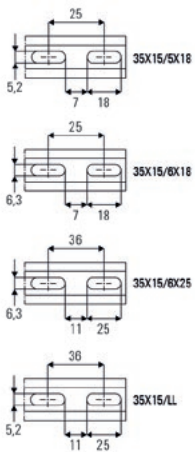


TS 35 x 15

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 mm ²	18 kA	309.00 A	2000mm	2.30 mm	20 M	0270100000
Aluminium							
TS 35X15/2.3 2M/AL/BK	95.00 mm ²	11.4 kA	232.00 A	2000mm	2.30 mm	2 M	1848290000
Steel, galvanised and passivated							
TS 35X15/2.3 2M/ST/ZN	50.00 mm ²	6 kA		2000mm	2.30 mm	20 M	0498000000
TS 35X15 2M/ST/ZN	35.00 mm ²	4.2 kA		2000mm	1.50 mm	20 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 mm ²	6 kA		2000mm		20 M	1879100000
TS 35X15/5X18 2M/ST/ZN	50.00 mm ²	6 kA		2000mm		20 M	1837380000
TS 35X15/6X18 2M/ST/ZN	50.00 mm ²	6 kA		2000mm	1.50 mm	20 M	1805980000
TS 35X15/6X25 2M/ST/ZN	50.00 mm ²	6 kA		2000mm		2 M	1866290000
TS 35X15/LL 1M/ST/ZN	50.00 mm ²	6 kA		1000mm	1.50 mm	10 M	0236510000
TS 35X15/LL 2M/ST/SZ	50.00 mm ²	6 kA		2000mm	1.50 mm	20 M	7907490000
TS 35X15/LL 2M/ST/ZN	50.00 mm ²	6 kA		2000mm	1.50 mm	20 M	0236500000
TS 35X15/LL 2M/ST/ZN/0	50.00 mm ²	6 kA		2000mm		20 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

Mounting accessories – DIN rail support / mounting feet

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	without	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

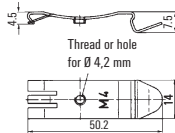
Type	Qty.	Order No.
Fastening screws		
FKSC M6X8 D9/SW3	50	0642600000
Mounting screw		
FKSC M5X8 D9/SW2.5	50	0295900000
FKSC M6X12 D9/SW3	50	0353500000

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



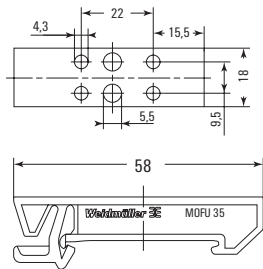
Type	Internal thread	Qty.	Order No.
FM 4 foot			
FM 4/TS35	M 4	40	0687900000
FM 5/TS35	M 5	40	0636800000
FM 6/TS35	M 6	40	0636900000
FM 4.2/TS35	M 4	40	1724580000
FM 4.2/TS35 without thread	FM 4.2/TS35 without thread		

Mounting feet



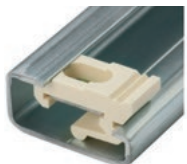
MOFU 35/LO/1

MOFU 35

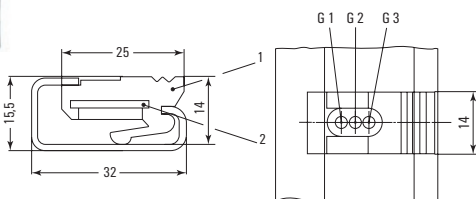


Type	Internal thread	Qty.	Order No.
MOFU 35/LO/1		20	0646260000
MOFU 35		20	0495660000
MOFU 35/LO/1 SW		20	0646210000

Mounting feet



MB



Type	Internal thread	Qty.	Order No.
MB M3/M5 CRM	M 5	20	0503500000
MB M5/M3 SW	M 5	20	0553400000
MB M6/M4 GR	M 5, M 6	20	0334900000

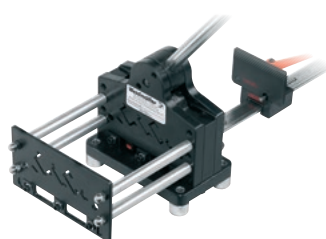
The sliding nuts for the TS 32 terminal rails are each fitted with two threaded holes for M3 + M5/M6 + M4/M5 + M3 screws. They serve to attach components that cannot be directly snapped onto the TS 32 and particularly to hold the smaller TS 15 top-hat rail. For example, small terminal blocks can firstly be snapped onto the TS 15 and then this rail can be attached to the TS 32 using the sliding nuts.

DIN rails and accessories

Rail cutting and punching devices

For burr-free cutting and punching of DIN-rail profile rails, Weidmüller offers rail cutting and punching devices TSLD 5 and TSLD C Profile bars and C-profiles can be easily cut to length and punched without much effort. Other product features of the TSLD are:

- Table-top unit for mounting on workbench or similar workplaces
- Guiding device for 90° angle accurate cutting
- Burr-free cutting of top-hat rails without waste
- Shear plate regrindable
- Integrated length stop (up to 1,000 mm)



TSLD 5



Perforating / Punching of Top Hat Rails



TSD 35



10x3 busbar



TS 15x5,5 mm acc.
EN 60715 (t=1,0 mm)



TS 32 mm acc.
EN 60715 (t=1,5 mm)



TS 35x7,5 mm acc.
EN 60715 (t=1,0 mm)



TS 35x15 mm acc.
EN 60715 (t=1,5 mm)

Type	Perforating / Punching	10x3 busbar	TS 15x5,5x1,0	TS 32	C Profile	TS 35x7,5x1,0	TS 35x15x1,5	Qty.	Order No.
TSLD 5	x	x	x	x	-	x	x	1	9918700000
TSLD C*	x	x	x	-	x*	x	x	1	1270310000
TSD 35	-	-	-	-	-	x	x	1	1318510000

*on request / G-profile (TS 32) is replaced by customer-specific C-profile

Klippon® RailSnapper– For direct mounting of DIN rails

Use the entire length of the DIN rail

The Klippon® RailSnapper: Your key to simple and secure fastening of your DIN rail. With the clever click mechanism, which is ensured by wing screws, we offer you maximum security for DIN rail mounting.

But that's not all – our low installation height allows you to mount with components already snapped on. This allows you to use the entire length of your DIN rail without any restrictions.

No more annoying cut-outs for fixing screws and unused space on your DIN rail. With the Klippon® RailSnapper you can optimize your processes and create valuable space in your cabinet.



More technical details and further information on our Klippon® RailSnapper can be found in our online catalog: www.weidmuller.com/railsnapper



Fast Mounting Clip

FMC 5.2/1.0 SC

FMC 5.2/1.0 BR



Technical Data

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

Thread size	M3.5
Hole dimension / Drill hole	2.9 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

Thread size	M3.5
Hole dimension / Drill hole	3.3 mm
Note	FMC 5.2/1.0... für TS 35X7.5/LL 2M/ST/ZN (Order-No. 0514500000) FMC 5.2/1.5... für TS 35X15/6X18 2M/ST/ZN (Order-No. 1805980000)

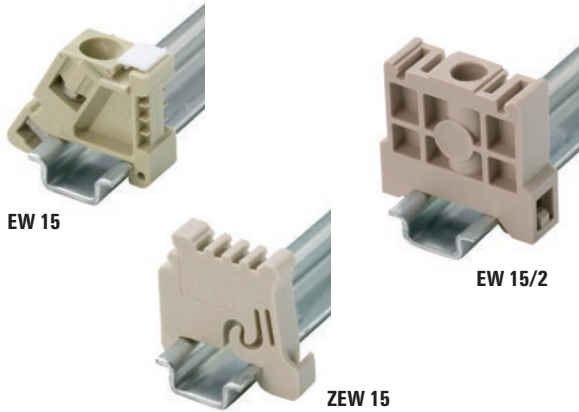
Ordering data

Variants with screw	
Variants with screw	
Variants with rivet	
Variants with rivet	

Type	Qty.	Order-No.
FMC 5.2/1.0 SC	100	2920530000
FMC 5.2/1.5 SC	100	2999800000

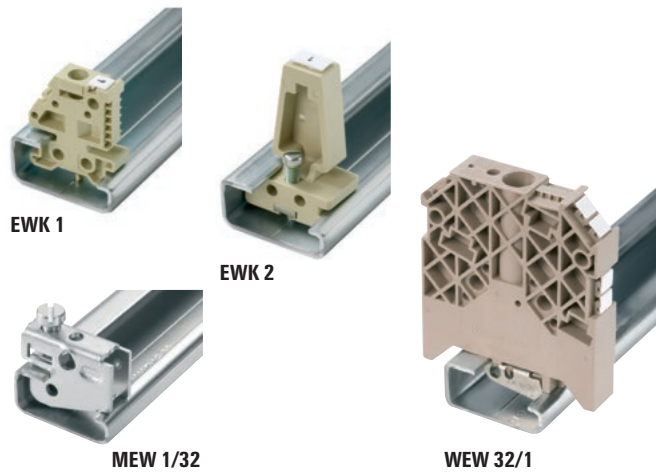
Type	Qty.	Order-No.
FMC 5.2/1.0 BR	100	2968380000
FMC 5.2/1.5 BR	100	2999810000

for TS 15 terminal rail



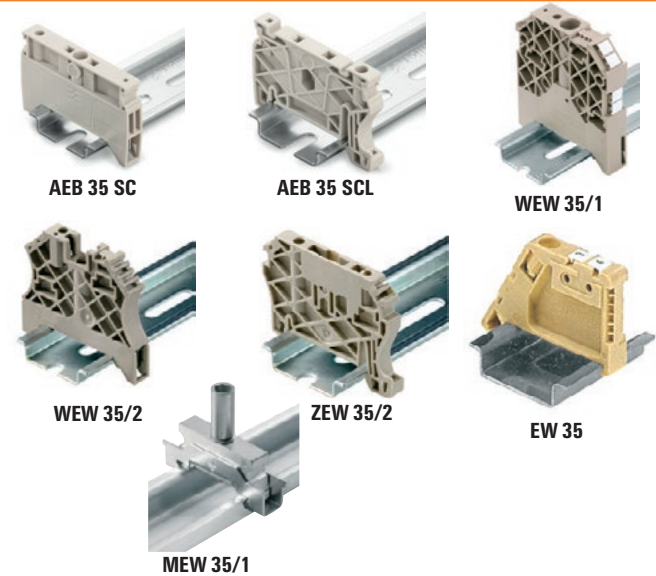
Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EW 15	beige	0.5 Nm	50	0382860000
Polyamide with fibre glass, screwable				
EW 15/2	dark beige	0.5 Nm	50	1071900000
Polyamide 66, screwless				
ZEW 15	beige		20	7920340000

for TS 32 terminal rail



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



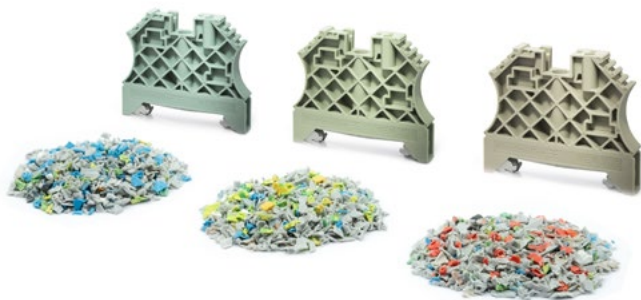
Type	Colour	Torque	Qty.	Order No.
Polyamide with fibre glass, screwable				
AEB 35 SC/1	dark beige	0.5 Nm	50	1991920000
AEB 35 SC/1 BK	black	0.5 Nm	50	2475310000
WEW 35/1	dark beige	1.2 Nm	50	1059000000
WEW 35/2	dark beige	0.5 Nm	50	1061200000
WEW 35/1 GR	grey	1.2 Nm	50	1227890000
WEW 35/1 SW	black	1.2 Nm	50	1162600000
WEW 35/2 GR	grey	0.5 Nm	50	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

Focus on sustainability

End bracket made from 100% recycled plastic material

In terms of the growing importance of sustainability, we are setting new standards by being the first company in the world to offer end brackets made from 100% recycled plastic. This innovative solution makes an active contribution to reducing the carbon footprint by reducing CO₂ emissions during production, while at the same time conserving valuable natural resources.

By recycling materials, we make an important part of the circular economy and help to minimize waste. By purchasing this product, you are supporting sustainable production processes and setting an example for responsible action.



Colorful variety thanks to recycling

Production overages are reused in the manufacture of end brackets from recycled material. As these excess materials contain different color pigments, the color of the end products may vary.

Depending on the composition of the recycled materials, end brackets are produced in different colors, which is both economical and environmentally friendly, as there is no need for additional colorants. These color variations make each product unique and underline the sustainable character of the production process.

100% recycled plastic and 80% less CO₂

The world's first terminal block product made from 100% recycled plastic (post-industrial material). This sustainable innovation helps the circular economy by reusing valuable materials and reducing waste. In this way, we actively contribute to the conservation of natural resources and support the responsible use of raw materials.

More than 80% CO₂ savings thanks to 100% recycled (post-industrial material) plastic material. This is a significant step towards reducing our ecological footprint and underlines our commitment to a sustainable future.



Process innovation made in Germany

Thanks to highly developed know-how at the Detmold site and the separation of waste by type within the production sites, we ensure that only high-quality recycled material is used.

Special preparation of the plastic and optimized adaptation of the injection moulding process ensure that the end bracket has the same outstanding mechanical and electrical properties as conventionally manufactured products.

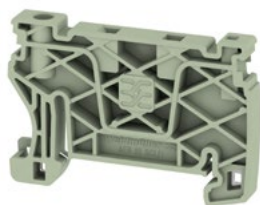


Quality assurance in the laboratory

Thanks to regular laboratory tests, we always guarantee first-class quality for our end brackets. Our continuous checks ensure that every product meets the highest mechanical and electrical standards and is reliable.

End bracket

AEB 35 SCL/1 RM



AEB 35 SC/1 RM



WEW 35/2 RM



Ordering data
Continuous operating temp., min.
Continuous operating temp., max.
Material
UL 94 flammability rating
Ordering data
Hinweis

-40 °C		
100 °C		
polyamide		
V-0		
Type	Qty.	Order No.
AEB 35 SCL/1 RM	50	3112310000

-60 °C		
130 °C		
polyamide (GF)		
V-0		
Type	Qty.	Order No.
AEB 35 SC/1 RM	50	3112300000

-50 °C		
100 °C		
polyamide		
HB		
Type	Qty.	Order No.
WEW 35/2 RM	50	3112290000



Mounting accessories

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 	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			

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

We offer you a holistic approach to labeling systems in industry. The printer, software and markers form a coordinated unit - Systemised Marking.

Professional tools

Just work faster and more efficiently

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.weidmuller.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® Assembly Service

The Klippon® Assembly Service supplies fully assembled terminal rails and enclosures that can be installed directly in the cabinet or on the machine. It therefore simplifies planning, accelerates production processes, reduces work steps and ensures the reliable delivery of individually assembled products.



Configuration and ordering are simple with the Weidmüller Configurator www.weidmueller.de/wmc



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.

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.

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.

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

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.

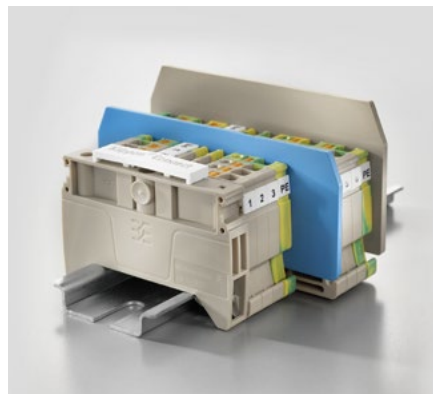
Small partition

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. $6 \text{ mm} \pm 0.5 \text{ mm}$, $\geq 10 \text{ mm} \pm 1 \text{ mm}$ 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

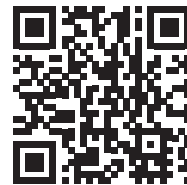
Use of aluminium conductors

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.

Our promise

A defined portfolio of our WDU screw-type terminal blocks and our WPD potential distribution terminal blocks and potential distribution blocks are suitable for use with aluminum wires. With the WPD feed-in terminals, you can realize the transition from aluminium to copper in the control cabinet without any additional components or accessories. Further information can be found on our homepage:



Further information on the topic
 Connection of aluminium conductors:
www.weidmueller.com/alu_connection

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.

Note: The current carrying capacity and respective torques for the connection of aluminum wires in the terminal blocks must always be observed. These can be found on the respective data sheet or in the online catalog.

Terminal blocks for aluminium conductors

WDU 2.5	20 A	solid 2,5 mm ²	0.4 NM
WDU 4	27 A	solid 4 mm ²	0.5 NM
WDU 6	35 A	solid 6 mm ²	0.8 NM
WDU 10	48 A	solid 10 mm ²	1.2 NM
WDU 16	50 A	solid "re" 16 mm ²	3.0 NM
WDU 35	60 A	solid 35 mm ²	4.0 NM
WDU 50N	118 A	solid and sector-shaped 50 mm ²	6.0 NM
WDU 70N	150 A	solid and sector-shaped 70 mm ²	12.0 NM
WDU 120	290 A	sector-shaped 150 mm ²	15.0 NM
WDU 240	415 A	solid and sector-shaped 240 mm ²	30.0 NM
WPD × 01 ...	152 A	25 mm ² solid, stranded and sector-shaped in acc. with IEC 61238-1	4 NM
WPD × 02 ...	202 A	35 mm ² solid, stranded and sector-shaped in acc. with IEC 61238-1	16 ² = 4.0 NM 25 ² = 6.0 NM 35 ² = 8.0 NM
WPD × 03 ...	300 A	70 mm ² solid, stranded and sector-shaped in acc. with IEC 61238-1	16 ² = 4.0 NM 25 ² = 6.0 NM 35 ² = 8.0 NM 50 ² = 10.0 NM 70 ² = 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)



Scrape the conductor evenly on all sides.



Cover the conductor all around with neutral grease.



Direct connection in our WPD blocks with specified torque.

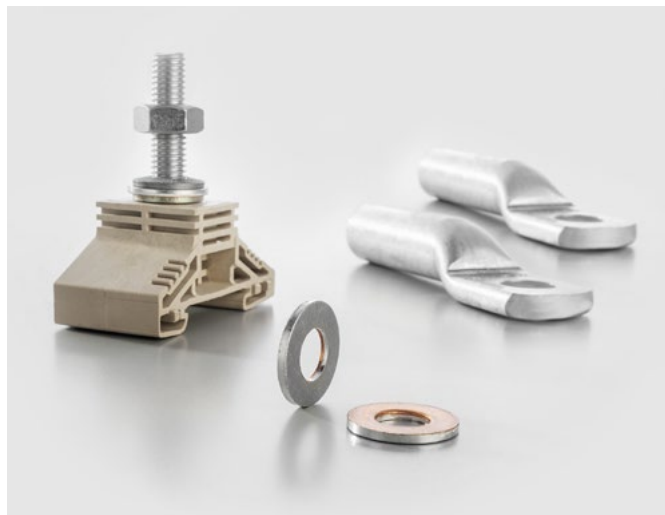


Aluminum conductor for indirect connection:

Indirect connection of aluminum conductors is the safest choice. This can be made possible by crimped connection elements such as Al/Cu ring cable lugs or crimp connection bolts. Nevertheless, the corresponding manufacturer's specifications must also be observed here, and the connection points must be checked according to the operating conditions. For normal ambient conditions and load cases, we recommend checking at intervals of six months. In case of unfavorable operating conditions or frequent temperature changes at the clamping points, a shorter interval may be necessary. Temperature measuring strips with storage of the maximum values can be attached in the immediate surroundings of the connection points and can be useful for an objective assessment during the regular inspections. All connection points are suitable for the connection of one conductor, unless explicitly noted otherwise.

Assembly notes for flat cable lugs:

When tightening the terminals, it is recommended to hold against the conductor to avoid deformation of the mounting rail and to keep the base of the terminal block free from torsional forces. Stranded aluminum conductors are connected to terminal blocks with the aid of an aluminum cable lug. This is selected according to its conductor shape and connected according to the cable lug manufacturer's specifications. Cupal washers are required for the transition from aluminum cable lugs to the busbar of the terminal blocks. This is the only way to ensure a safe transition from copper to aluminum. They are installed so that the copper side contacts the busbar and the aluminum side contacts the aluminum cable lug.



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

Original manufacturer

1.

Design verification

A combination of the variants is also conceivable

Variant 1: **Testing**

Variant 2: **Appraisal (incl. calculation)**

Variant 3: **Comparison with reference construction**

Low-voltage switchgear and controlgear assemblies

2.

Manufacturer of the switchgear and controlgear assemblies

Switchgear manufacturer

Variant 1:
Comparison with a reference construction without changes

The manufacturer of the switchgear and controlgear assemblies does not become the original manufacturer

Variant 2:
Original system with changes

The manufacturer of the switchgear and controlgear assemblies becomes the original manufacturer

Design verification for changes

Routine verification

3. Switchgear and controlgear assemblies ready for operation

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: <ul style="list-style-type: none"> • Corrosion resistance properties of insulation material: <ul style="list-style-type: none"> • Thermal stability • Resilience to extreme heat and fire due to internal electrical effects • Resistance to UV radiation • Lifting • Impact test • Marking 	10.2 10.2.2 10.2.3 10.2.3.1 10.2.3.2 10.2.4 10.2.5 10.2.6 10.2.7	The requirements refer exclusively to cabinets for switchgear. Terminal blocks are designated for the installation in appropriate cabinets. The requirements refer exclusively to parts of the switchgear and controlgear assembly. Inserted components like terminal blocks are not affected. Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks are designated for the installation in cabinets, thus not relevant 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	<ul style="list-style-type: none"> • Protection against electric shock and integrity of protective circuits • Effective continuity between the exposed conductive parts of the assembly and the protective circuit • Short-circuit withstand strength of the protective circuit 	10.5 10.5.2 10.5.3	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 measurement at the end use. 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: <ul style="list-style-type: none"> • Operating frequency dielectric strength • Surge voltage strength 	10.9 10.9.2 10.9.3	Tests to the insulation properties are part of the dimensioning of type tested terminal blocks according to EN 60947-7-1(2). 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: $P_{\text{loss}} = R_{\text{max}} \cdot I^2$ 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: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tbody> <tr> <td style="text-align: left;">Cross section/mm²</td> <td>1.5</td> <td>2.5</td> <td>4</td> <td>6</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> </tr> <tr> <td style="text-align: left;">Electrical resistance/mΩ</td> <td>1.83</td> <td>1.33</td> <td>1.00</td> <td>0.78</td> <td>0.56</td> <td>0.42</td> <td>0.32</td> <td>0.26</td> </tr> <tr> <td style="text-align: left;">Cross section/mm²</td> <td>50</td> <td>70</td> <td>95</td> <td>120</td> <td>150</td> <td>185</td> <td>240</td> <td>300</td> </tr> <tr> <td style="text-align: left;">Electrical resistance/mΩ</td> <td>0.21</td> <td>0.17</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> <td>0.06</td> </tr> </tbody> </table>	Cross section/mm ²	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/mm ²	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
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Cross section/mm ²	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	<p>For cross sections up to 35 mm²</p> <p>In sectors after current-limiting (5ms) protection devices <100 A (fort I_{cp} <10 kA) At an unaffected short-circuit current of the grid I_{cp} ≤ 10 kA (in front of the switchgear), a forward current I_D 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).</p> <p>For cross sections from 50 mm²</p> <p>In sectors after current-limiting (5 ms) protection devices ≤ 630 A (I_{cp} > 10 kA) At an unaffected short-circuit current of the grid I_{cp} > 10 kA (in front of the switchgear), a forward current I_D 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 I_D by declaration of the terminal block's I_{pk} (surge current strength, which the terminal block is able to conduct without being destroyed).</p>																																				
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 mm².

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 (I_{th})

The conventional thermal current in free air (I_{th}) 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

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

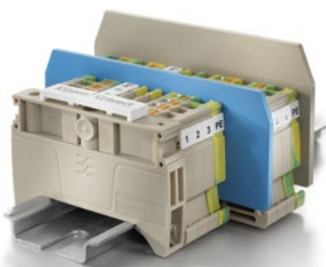
Worldwide, explosion protection is essentially based on the international IEC 60079 series of standards, European and American norms, standards, and directives. In the USA, the National Electrical Code (NEC) and in Canada the Canadian Electrical Code (CEC) form the basis.

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.



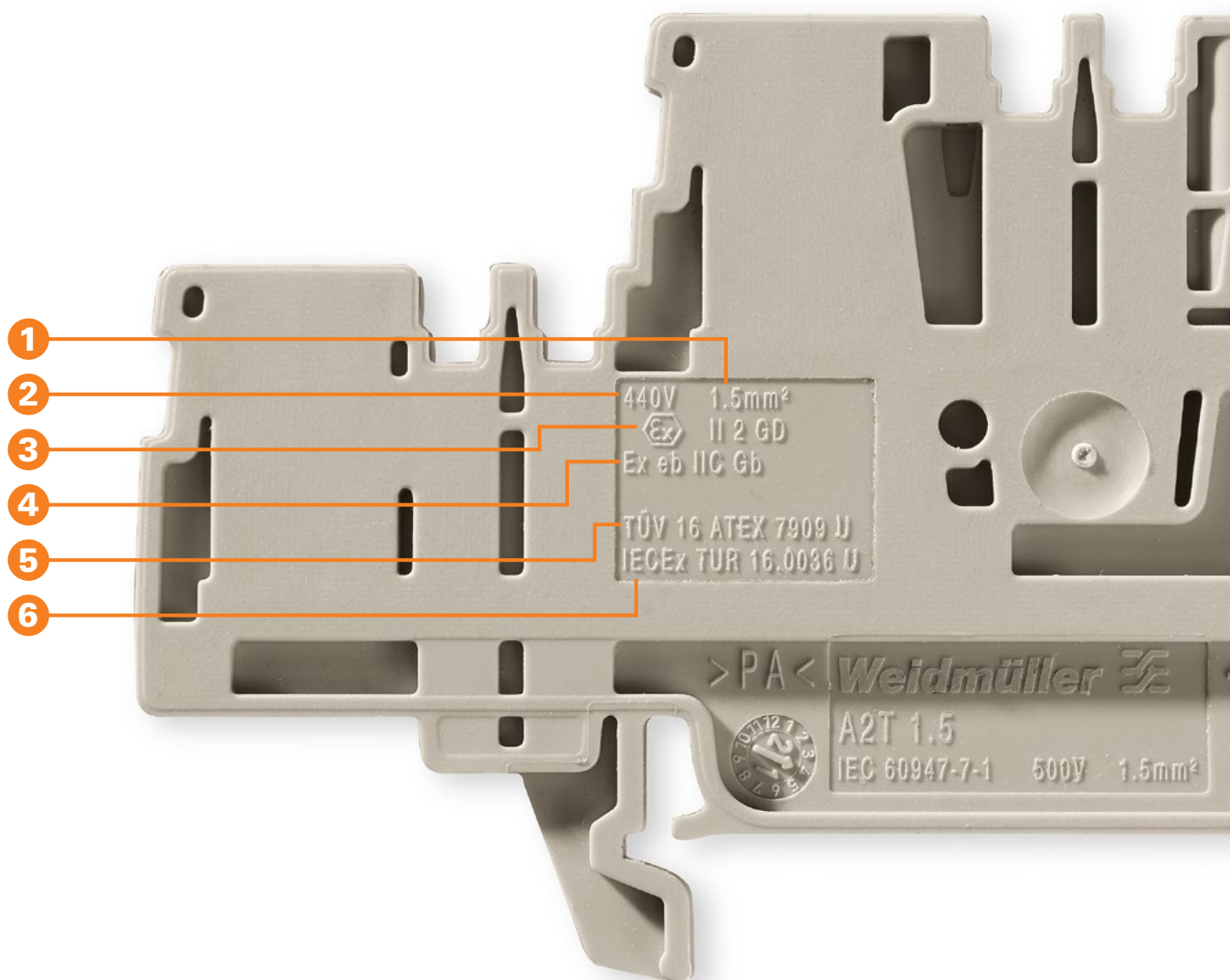
Further approvals and guidelines for the explosion protected areas

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



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-Directive RoHS. 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

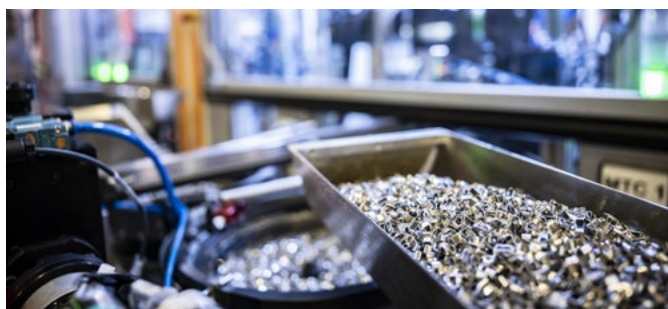
The European Chemical Regulation REACH stands for registration, evaluation and authorization of chemicals. As an environmentally conscious company Weidmüller takes its responsibility for communication within the supply chain and for the entire information flow within the REACH regulation.

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

Properties		Ceramic	Duroplasts	
Properties		Ceramic	Gemin KrG	Epoxy resin (EP)
Volume resistance acc. to IEC 60093	$\Omega \times \text{cm}$	-	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	$^{\circ}\text{C}$	250	130	160
Lower max. permissible limit temperature (static)	$^{\circ}\text{C}$	-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

Properties		Thermoplastics		
Properties		Wemid	Polyamid (PAGF)	Polycarbonat (PC)
Volume resistance acc. to IEC 60093	$\Omega \times \text{cm}$	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	$^{\circ}\text{C}$	130	100	115 / 125
Lower max. permissible limit temperature (static)	$^{\circ}\text{C}$	-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



Service and support

Service and support	Service connects - worldwide	V.2
	Engineering services and customised products	V.3
	Support Center	V.4
	Additional support services	V.5
	easyConnect - Your Industrial Service Platform	V.6
	Digital Engineering: Digital planning with Weidmüller product data, interfaces and software solutions	V.8
	Connectivity Consulting: A long-term increase in efficiency through partnership-based exchange	V.9
	Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering	V.10
	Your digital ordering options at Weidmüller	V.12

Our expertise for your requirements

Service connects – worldwide



Automation technology functions are becoming more complex in a globally-oriented world facing ambitious targets in terms of energy efficiency and smart production. We are your equal partners for the best connections in Industrial Connectivity.

Our personal support answers all questions reliably and expertly. During planning, installation or operation our service and support offer is your best companion.

In short: Weidmüller's global service combines our expertise with your requirements.



Engineering services and customised products

Automation engineering and connectivity consulting belongs to our services as well as assembly of engineered products. We also support the process from the idea to the product with our Weidmüller Configurator and the Configure-to-Order process.

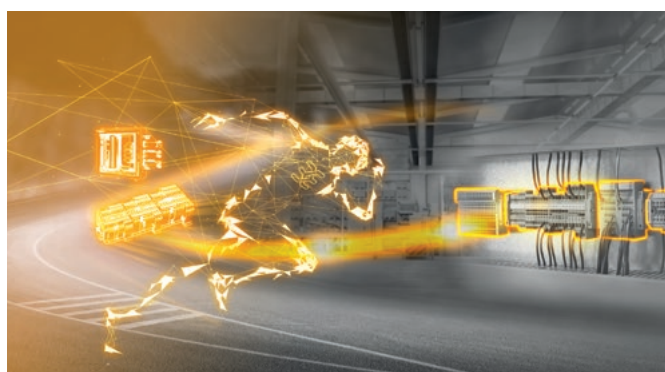


Consulting and engineering

The challenge for you is reducing costs and increasing efficiency. This requires intelligent, individual solutions. Whether it is modified products, pre-fitted mounting rails or complete small cabinets – our application centres provide a highly qualified custom-made engineering and production service.

Connectivity Consulting

Increase your competitiveness - supported by our experts. Our drive is to optimise your competitiveness. That's why our team of experts supports you in significantly increasing your efficiency in electrical machine design and control cabinet construction. With proven products and services from the Weidmüller portfolio – and with the experience gained from over 300 projects worldwide.



Klippon® Assembly Service – Assembled terminal rails and enclosures supplied ready for installation

The Klippon® Assembly Service supplies fully assembled terminal rails and enclosures that can be installed directly in the cabinet or on the machine. It therefore simplifies planning, accelerates production processes, reduces work steps and ensures the reliable delivery of individually assembled products.

Fast Delivery Service - Your ideas deserve a quick realisation

Obtain offers 24/7 and within minutes, including directly orderable article numbers with our Fast Delivery Service. The Weidmüller Configurator (WMC) for planning and configuration is key for consistent processes. Dispatch your orders in 5 days. Assemble individual terminal strips and enclosures from batch size 1!

Expand the possibilities of our products

Our Support Center - the answer is just a click away



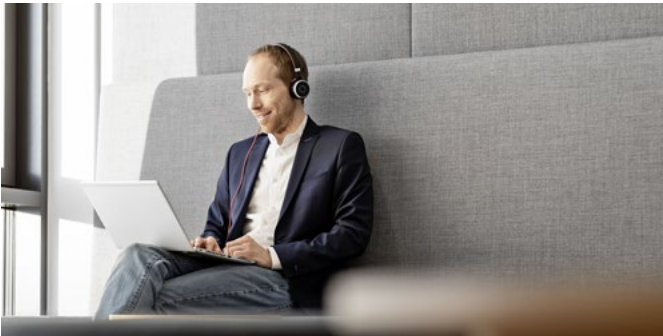
Receive fast and intuitive support to get the most out of our products in your application. In our new Support Center you can search or navigate to the many application notes, product information, video tutorials or software downloads of our products. It is also possible to create a technical Service Request in the Support Center and check the current status at any time. Use our AI chatbot for u-mation and u-software products and get immediate answers to your questions at any time.

- **Support Center** – the answer is just a click away
- **Everything at a glance** – One central support hub, where all relevant information is available
- **Powerful search** – Provides filter functions for various types of information and products
- **Navigation through product hierarchy** – Navigation to specific products through our product hierarchy
- **More than 40,000 downloads** – Application notes, video tutorials, templates and examples, user documentation, engineering data, ...
- **Personal contact** – Direct access to your personal technical contact in your country
- **Quick help via Service Request** – Create a service request to get quick technical help and check the current status and the solution provided



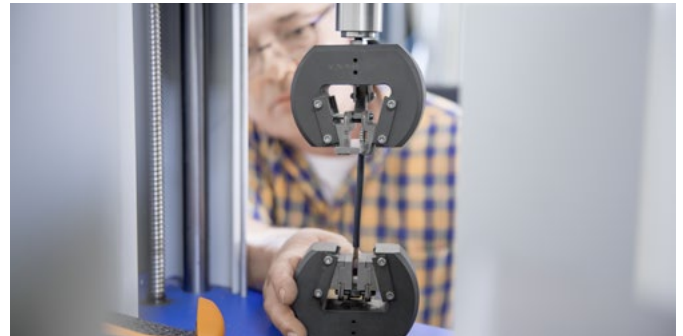
Explore the world of our new Support Center
support.weidmueller.com

Additional support services



Training and Webinars

Stay tuned in a world that is accelerating. In our entertaining interactive webinars, we offer you the opportunity to learn about new products and technology topics and to interact with our experts.



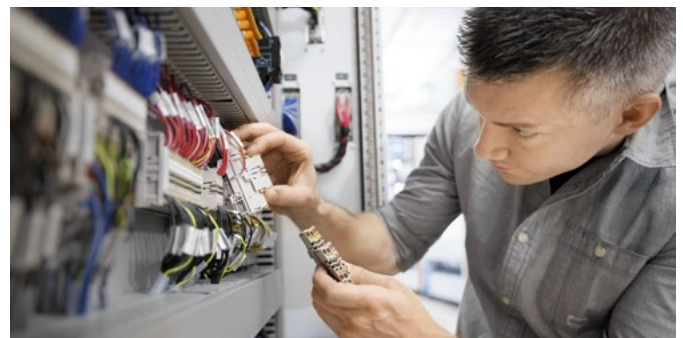
Repairs and replacement parts

We offer repair and components for our Workplace Solutions as well as assistance for other Weidmüller products. Find out how our experts can help you with your repair request.



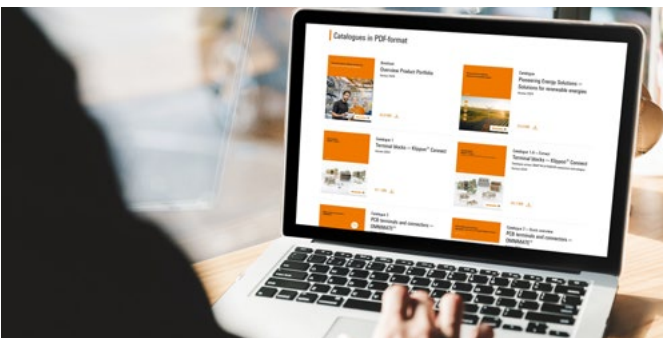
Security advisory board

Our Product Security Incident Response Team (PSIRT) continuously informs you about possible security-related vulnerabilities of our products.



Product change notifications

Technical modifications of our products always available online.



Technical product catalogues

Technical data for our entire program in Industrial Connectivity for download in PDF-format.

Your ticket to the world of digital service

easyConnect – Your Industrial Service Platform



Our cloud-based platform is your ticket to the world of digital services from Weidmüller, and the intuitive and future-proof tool for your way to the Industrial IoT. Realise your use cases easily, consistently and without any relevant prior knowledge, thanks to the perfect interaction of platform, devices and diverse software services.

As an open, modular and perfectly integrable system, the platform is your enabler for a wide range of use cases. Increase your efficiency and unleash your full innovation potential with easyConnect.

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Interested in using easyConnect?
Learn how to get started with easyConnect step-by-step.
www.weidmueller.com/easyconnect

Why should you use easyConnect?

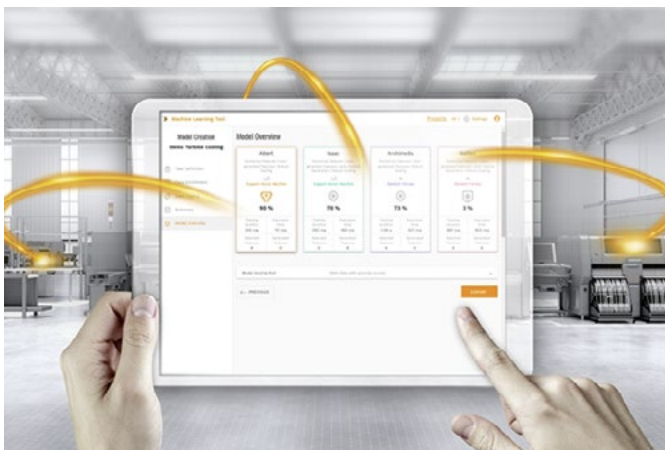
- You want to enter your digital transformation step-by-step?
- You want to make the step into Industrial IOT, but have no or little IT expertise?
- You want to use your digital data for smart & scalable services?
- You want to offer digital services (such as customised dashboard) to your customers?
- You want to improve your service offering and efficiency, e.g. through remote access?
- You feel Weidmüller's digital services are interesting, but you have „your cloud“ already?



Weidmüller comes up with the solution: easyConnect, the new digitalisation platform. It bundles Weidmüller's digital services at one place in the cloud and connects them with various Weidmüller devices.

With easyConnect you start digitalising your application step-by-step without ballast in a secure way.

The following services are initially available on easyConnect:



Device management

Adding and managing cloud-connected devices is typically the first step in any Industrial IoT use case.

Asset management

The asset management service is a modelling tool that allows users to model their assets and processes and link them to relevant time series data.

Remote access (u-link)

u-link guarantees a quick and secure access to machines and plants while also allowing for efficient management.

Data visualisation

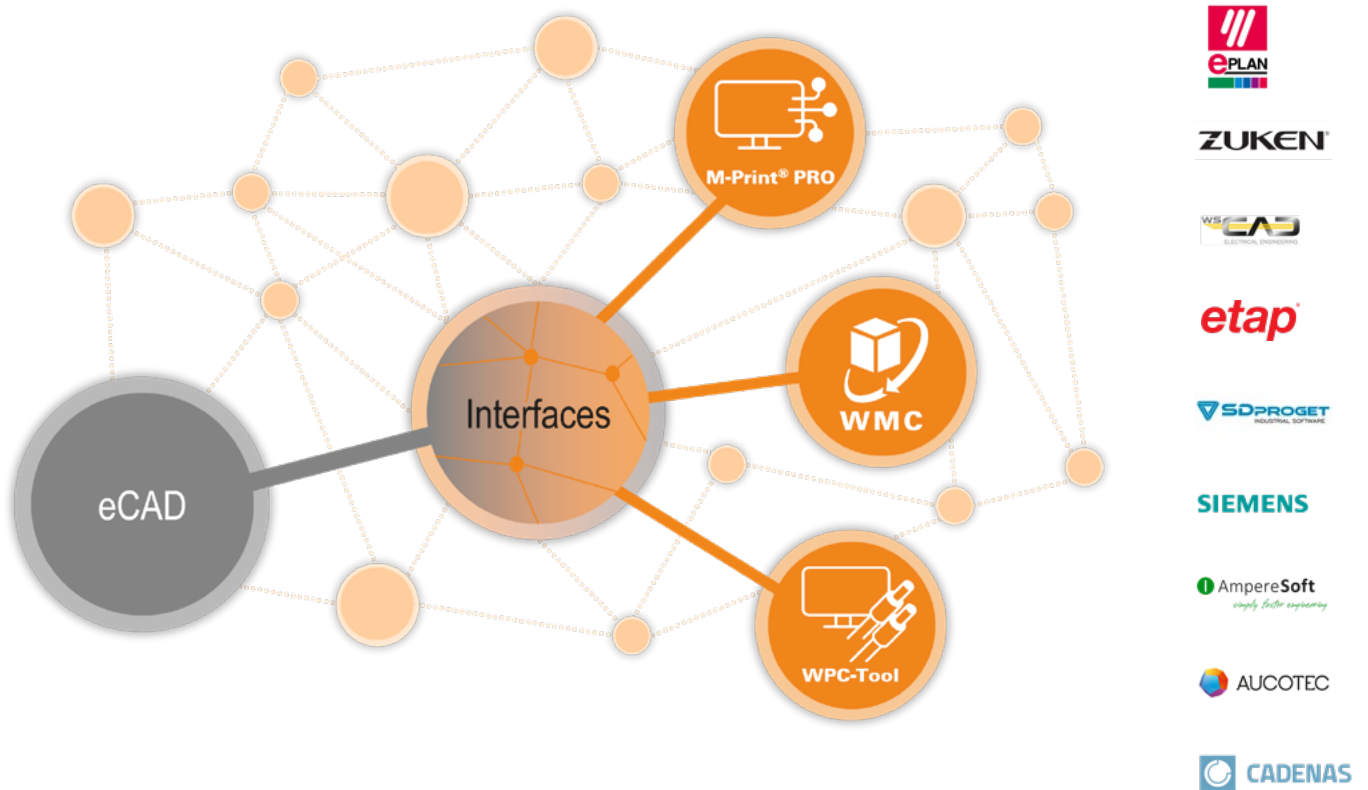
easyConnect data visualisation services enable users to view, monitor and display live and historical data.

AutoML

With Weidmüller Industrial AutoML, you can optimize operations, increase product quality and develop new business models by benefiting from advanced analytics.

Digital Engineering

Digital planning with Weidmüller product data, interfaces and software solutions



You want to be optimally supported in all steps of the electrical design process, from planning to production? Weidmüller offers you support as best as possible!

Your advantages:

- **Processes are digitized, time is saved and sources of errors are eliminated** – With Weidmüller software solutions for terminal strip and housing configuration (WMC), component marking (M-Print® PRO) and cable assembly (WPC-Tool), you are perfectly prepared for all project phases in electrical design and control cabinet construction.
- **Potential sources of error are eliminated and your productivity is increased** – High-performance interfaces enable a complete data consistency from the planning to the commissioning process.
- **A simple, safe and fast design process** – Weidmüller provides digital product data for a variety of engineering systems. The data is always compliant with the latest system provider standard.

V



Find out more about digital engineering
www.weidmueller.com/digital_engineering

Connectivity Consulting

Counteracting the shortage of skilled workers with Connectivity Consulting



Are you looking for innovative, sustainable and value-adding solutions for your individual requirements? Weidmüller offers you support with experienced experts for products, solutions and services in the industrial environment of energy, signals and data!

Your advantages:

- **Increasing efficiency and quality in cabinet building** – Weidmüller offers you customized solutions to make your cabinet building fit for purpose. From design optimization and process automation to digital planning and commissioning. Every single work step offers opportunities for optimization.
- **Benefit from the practical experience of the experts** – Weidmüller's connectivity consulting experts have acquired practical specialist knowledge in many international projects.
- **Support in the implementation process** – From analysis to implementation: Our experts support you with all measures.



Find out more about Connectivity Consulting
www.weidmueller.com/connectivity-consulting

Boost Your Efficiency from Engineering to Production

Weidmüller Configurator: intuitive, uncomplicated & fast digital engineering

Digital engineering can be so easy – with the Weidmüller Configurator!

Discover the Weidmüller Configurator (WMC) – your free software solution that guides you through the entire value chain, all the way to production.

With access to nearly 14,000 digital products, the WMC provides an extensive range for configuring terminal strips, processed empty enclosures, and ready-to-connect terminal boxes. This includes over 10,500 products for terminal strip configurations, approximately 2,200 products for terminal box configurations, and around 1,200 products for configuring our heavy-duty connectors.

Your Benefits with the Well-Known WMC:

- **Seamless Engineering** – Import your circuit diagrams and terminal strips effortlessly with a single click directly from your engineering system into the WMC. Our interfaces enable continuous data flows, saving you valuable time, minimizing errors, and ensuring smooth project execution.
- **Optimized Production** – The WMC supports you on the shop floor, helping you assemble the required configurations yourself. Especially in times of skilled labor shortages, the WMC makes your production more efficient. With its user-friendly interface, 3D and touch functions, it eases the workload for your employees.



New Online Configurator – Experience the Future of Digital Engineering

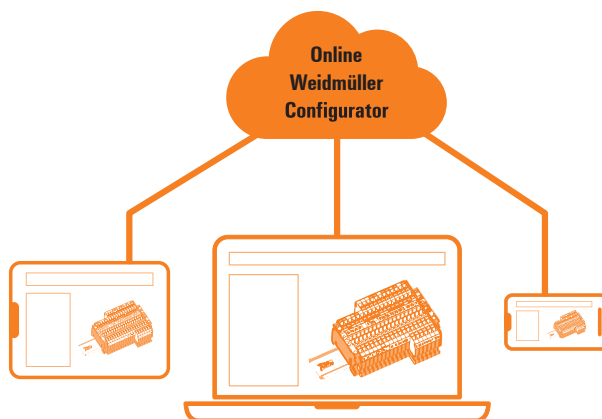
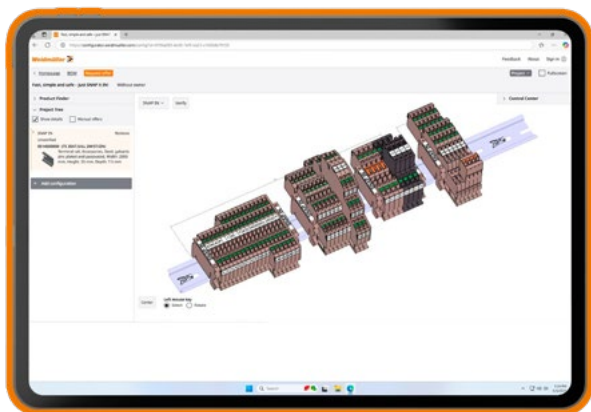
Configure. Share. Access anywhere.



Online & Ready to Go: No installation required – use the Online Configurator directly in your browser. Access it flexibly from any device, whether PC or tablet, in the office or on the go. Your production will have a read-only view mode to ensure the security and consistency of your configurations.

Intelligent Optimization with a single Click: Reduce the width of your terminal strip with just one click – no product knowledge needed. Easily switch connection technologies, for example, from screw to PUSH IN or even to our innovative SNAP IN technology. Or take it a step further and transform your configured rail directly for labeling with the Klippon® Automated RailLaser.

Easy Transition – Seamlessly Integrated: Thanks to the integrated cloud upload function, you can transfer your existing terminal strip configurations from the WMC with just one click.



Start online now!
Configure anywhere, anytime and online.
configurator.weidmueller.com



Fast Delivery with Both Configurators:

Whether you use the WMC or the Online Configurator – individually configured mounting rails (and enclosures in the WMC) can be directly transferred to the “Fast Delivery Service.” You will receive ready-to-install solutions in the shortest possible time. This combines maximum customization with minimal delivery time, allowing you to benefit from fast and reliable delivery.



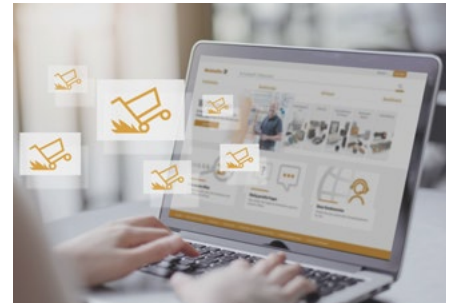
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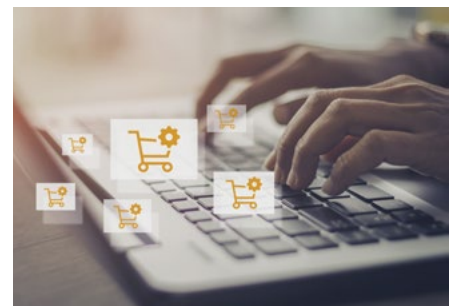
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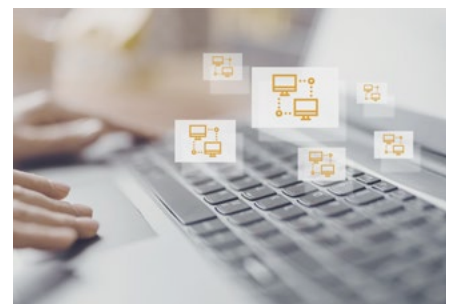
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AAC 50-185 2X10 BL	2663430000	B.22	AAP21 4 DT BL/OR	2582520000	B.50	AEB 35 SC/1	1991920000	A.66	AEB 35 SC/1	1991920000	B.56
AAC 50-185 2X10 BL	2663430000	B.23	AAP21 4 DT OR	2581710000	B.50	AEB 35 SC/1	1991920000	A.67	AEB 35 SC/1	1991920000	B.57
AAC 50-185 2X10 BL	2663430000	B.24	AAP21 4 FS	2428950000	B.50	AEB 35 SC/1	1991920000	A.68	AEB 35 SC/1	1991920000	B.87
AAC 50-185 2X10 GN-YL	2663440000	A.73	AAP21 4 FS 100-36V	2458990000	B.50	AEB 35 SC/1	1991920000	A.69	AEB 35 SC/1	1991920000	B.112
AAC 50-185 2X10 GN-YL	2663440000	A.74	AAP21 4 FS 100-250V	2460180000	B.50	AEB 35 SC/1	1991920000	A.70	AEB 35 SC/1	1991920000	B.113
AAC 50-185 2X10 GN-YL	2663440000	A.75	AAP21 4 FS 100-250V OR	2581790000	B.50	AEB 35 SC/1	1991920000	A.71	AEB 35 SC/1	1991920000	B.114
AAC 50-185 2X10 GN-YL	2663440000	A.101	AAP21 4 FS 30-70V	2460200000	B.50	AEB 35 SC/1	1991920000	A.72	AEB 35 SC/1	1991920000	B.115
AAC 50-185 2X10 GN-YL	2663440000	A.102	AAP21 4 FS 60-150V	2460190000	B.50	AEB 35 SC/1	1991920000	A.73	AEB 35 SC/1	1991920000	B.116
AAC 50-185 2X10 GN-YL	2663440000	B.16	AAP21 4 FS OR	2581720000	B.50	AEB 35 SC/1	1991920000	A.74	AEB 35 SC/1	1991920000	B.117
AAC 50-185 2X10 GN-YL	2663440000	B.17	AAP21 4 LI BL	2428960000	B.49	AEB 35 SC/1	1991920000	A.76	AEB 35 SC/1	1991920000	B.118
AAC 50-185 2X10 GN-YL	2663440000	B.18	AAP21 4 LI BL/OR	2582530000	B.49	AEB 35 SC/1	1991920000	A.77	AEB 35 SC/1	1991920000	B.119
AAC 50-185 2X10 GN-YL	2663440000	B.19	AAP21 4 LI OR	2581700000	B.49	AEB 35 SC/1	1991920000	A.78	AEB 35 SC/1	1991920000	B.120
AAC 50-185 2X10 GN-YL	2663440000	B.20	AAP21 4 LI RD	2428930000	B.49	AEB 35 SC/1	1991920000	A.79	AEB 35 SC/1	1991920000	B.121
AAC 50-185 2X10 GN-YL	2663440000	B.21	AAP22 10 FE-LI	2429000000	B.52	AEB 35 SC/1	1991920000	A.80	AEB 35 SC/1	1991920000	C.15
AAC 50-185 2X10 GN-YL	2663440000	B.22	AAP22 10 LO-LI	2428990000	B.52	AEB 35 SC/1	1991920000	A.81	AEB 35 SC/1 BK	2475310000	C.15
AAC 50-185 2X10 GN-YL	2663440000	B.23	AAP22 4 LI-FS	2429010000	B.53	AEB 35 SC/1	1991920000	A.82	AEB 35 SC/1 RM	3112300000	C.17
AAC 50-185 2X10 GN-YL	2663440000	B.24	AAP22 4 LI-FS 100-36V	2459010000	B.53	AEB 35 SC/1	1991920000	A.83	AEB 35 SC/1 RM	3112310000	C.17
AAM 1.5 YE FLASH	2635520000	A.174	AAP22 4 LI-FS 100-250V	2460120000	B.53	AEB 35 SC/1	1991920000	A.84	AEB 35 SC/1 V0	2661280000	A.6
AAM 10 YE FLASH	2635580000	A.174	AAP22 4 LI-FS 30-70V	2460140000	B.53	AEB 35 SC/1	1991920000	A.85	AEB 35 SC/1 V0	2661280000	A.7
AAM 16 YE FLASH	2635590000	A.174	AAP22 4 LI-FS 60-150V	2460130000	B.53	AEB 35 SC/1	1991920000	A.86	AEB 35 SC/1 V0	2661280000	A.8
AAM 2.5 YE FLASH	2635550000	A.174	ADP 1/HP1 1M	0485200000	C.18	AEB 35 SC/1	1991920000	A.87	AEB 35 SC/1 V0	2661280000	A.9
AAM 35-185 YE FLASH	2635600000	A.72	ADP 2/HP2 1M	0485300000	C.18	AEB 35 SC/1	1991920000	A.88	AEB 35 SC/1 V0	2661280000	A.10
AAM 35-185 YE FLASH	2635600000	A.73	ADP 3/HP3 1M	0485400000	C.18	AEB 35 SC/1	1991920000	A.89	AEB 35 SC/1 V0	2661280000	A.11
AAM 35-185 YE FLASH	2635600000	A.74	ADP 4/1000	1430760000	C.18	AEB 35 SC/1	1991920000	A.90	AEB 35 SC/1 V0	2661280000	A.12
AAM 35-185 YE FLASH	2635600000	A.75	ADP 4/300	1378160000	C.18	AEB 35 SC/1	1991920000	A.92	AEB 35 SC/1 V0	2661280000	A.13
AAM 35-185 YE FLASH	2635600000	A.101	ADT 1.5 2C	2918260000	A.112	AEB 35 SC/1	1991920000	A.93	AEB 35 SC/1 V0	2661280000	A.14
AAM 35-185 YE FLASH	2635600000	A.102	ADT 1.5 2C BL	2941210000	A.112	AEB 35 SC/1	1991920000	A.94	AEB 35 SC/1 V0	2661280000	A.15
AAM 35-185 YE FLASH	2635600000	B.8	ADT 1.5 3C	2918270000	A.112	AEB 35 SC/1	1991920000	A.95	AEB 35 SC/1 V0	2661280000	A.16
AAM 35-185 YE FLASH	2635600000	B.9	ADT 1.5 3C BL	2941220000	A.112	AEB 35 SC/1	1991920000	A.96	AEB 35 SC/1 V0	2661280000	A.17
AAM 35-185 YE FLASH	2635600000	B.10	ADT 1.5 4C	2918280000	A.113	AEB 35 SC/1	1991920000	A.97	AEB 35 SC/1 V0	2661280000	A.18
AAM 35-185 YE FLASH	2635600000	B.11	ADT 1.5 4C BL	2941230000	A.113	AEB 35 SC/1	1991920000	A.98	AEB 35 SC/1 V0	2661280000	A.19
AAM 35-185 YE FLASH	2635600000	B.12	ADT 2.5 2C	1989800000	A.106	AEB 35 SC/1	1991920000	A.99	AEB 35 SC/1 V0	2661280000	A.20
AAM 35-185 YE FLASH	2635600000	B.16	ADT 2.5 2C	1989800000	A.113	AEB 35 SC/1	1991920000	A.100	AEB 35 SC/1 V0	2661280000	A.21
AAM 35-185 YE FLASH	2635600000	B.17	ADT 2.5 2C	1989800000	A.163	AEB 35 SC/1	1991920000	A.101	AEB 35 SC/1 V0	2661280000	A.22
AAM 35-185 YE FLASH	2635600000	B.18	ADT 2.5 2C BL	1989810000	A.113	AEB 35 SC/1	1991920000	A.102	AEB 35 SC/1 V0	2661280000	A.23
AAM 35-185 YE FLASH	2635600000	B.19	ADT 2.5 2C W/O DTLV	1989930000	A.113	AEB 35 SC/1	1991920000	A.103	AEB 35 SC/1 V0	2661280000	A.24
AAM 35-185 YE FLASH	2635600000	B.20	ADT 2.5 3C	1989830000	A.115	AEB 35 SC/1	1991920000	A.104	AEB 35 SC/1 V0	2661280000	A.25
AAM 35-185 YE FLASH	2635600000	B.21	ADT 2.5 3C	1989830000	A.163	AEB 35 SC/1	1991920000	A.105	AEB 35 SC/1 V0	2661280000	A.26
AAM 35-185 YE FLASH	2635600000	B.22	ADT 2.5 3C BL	1989840000	A.115	AEB 35 SC/1	1991920000	A.112	AEB 35 SC/1 V0	2661280000	A.27
AAM 35-185 YE FLASH	2635600000	B.23	ADT 2.5 3C W/O DTLV	1989940000	A.115	AEB 35 SC/1	1991920000	A.113	AEB 35 SC/1 V0	2661280000	A.28
AAM 35-185 YE FLASH	2635600000	B.24	ADT 2.5 4C	1989860000	A.115	AEB 35 SC/1	1991920000	A.114	AEB 35 SC/1 V0	2661280000	A.29
AAM 35-185 YE FLASH	2635600000	B.118	ADT 2.5 4C	1989860000	A.163						

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
AEB 35 SCL/1 VO	2661280000	A.59	AEB 35 SCL/1 VO	2661280000	B.47	AEP 2C2.5 BL	1514420000	A.127	AEP 3T 2.5 BL	2428860000	A.89
AEB 35 SCL/1 VO	2661280000	A.60	AEB 35 SCL/1 VO	2661280000	B.48	AEP 2C2.5 BL	1514420000	A.160	AEP 4C 1.5	1552640000	A.7
AEB 35 SCL/1 VO	2661280000	A.61	AEB 35 SCL/1 VO	2661280000	B.49	AEP 2C4	2051680000	A.60	AEP 4C 1.5	1552640000	A.27
AEB 35 SCL/1 VO	2661280000	A.62	AEB 35 SCL/1 VO	2661280000	B.50	AEP 2C4	2051680000	A.94	AEP 4C 1.5	1552640000	A.59
AEB 35 SCL/1 VO	2661280000	A.63	AEB 35 SCL/1 VO	2661280000	B.52	AEP 2C4	2051680000	A.132	AEP 4C 1.5	1552640000	A.93
AEB 35 SCL/1 VO	2661280000	A.64	AEB 35 SCL/1 VO	2661280000	B.53	AEP 2C4	2051680000	B.113	AEP 4C 1.5	1552640000	A.112
AEB 35 SCL/1 VO	2661280000	A.65	AEB 35 SCL/1 VO	2661280000	B.56	AEP 2C4 BL	2051690000	A.60	AEP 4C 1.5 BL	1552650000	A.7
AEB 35 SCL/1 VO	2661280000	A.66	AEB 35 SCL/1 VO	2661280000	B.57	AEP 2C4 BL	2051690000	A.132	AEP 4C 1.5 BL	1552650000	A.27
AEB 35 SCL/1 VO	2661280000	A.67	AEB 35 SCL/1 VO	2661280000	B.66	AEP 2C6	1991970000	A.62	AEP 4C 1.5 BL	1552650000	A.59
AEB 35 SCL/1 VO	2661280000	A.68	AEB 35 SCL/1 VO	2661280000	B.67	AEP 2C6	1991970000	A.95	AEP 4C 2.5	1521530000	A.60
AEB 35 SCL/1 VO	2661280000	A.69	AEB 35 SCL/1 VO	2661280000	B.68	AEP 2C6	1991970000	A.136	AEP 4C 2.5	1521530000	A.94
AEB 35 SCL/1 VO	2661280000	A.70	AEB 35 SCL/1 VO	2661280000	B.69	AEP 2C6	1991970000	B.113	AEP 4C 2.5	1521530000	A.113
AEB 35 SCL/1 VO	2661280000	A.71	AEB 35 SCL/1 VO	2661280000	B.70	AEP 2C6 BL	1991950000	A.62	AEP 4C 2.5	1521530000	A.114
AEB 35 SCL/1 VO	2661280000	A.72	AEB 35 SCL/1 VO	2661280000	B.71	AEP 2T 1.5	2469420000	A.76	AEP 4C 2.5	1521530000	B.116
AEB 35 SCL/1 VO	2661280000	A.73	AEB 35 SCL/1 VO	2661280000	B.72	AEP 2T 1.5	2469420000	A.77	AEP 4C 2.5 BK	2486660000	A.106
AEB 35 SCL/1 VO	2661280000	A.74	AEB 35 SCL/1 VO	2661280000	B.73	AEP 2T 1.5	2469420000	A.102	AEP 4C 2.5 BL	1521640000	A.60
AEB 35 SCL/1 VO	2661280000	A.76	AEB 35 SCL/1 VO	2661280000	B.74	AEP 2T 1.5	2469420000	A.125	AEP 4C 2.5 BL	1521640000	A.113
AEB 35 SCL/1 VO	2661280000	A.77	AEB 35 SCL/1 VO	2661280000	B.75	AEP 2T 1.5	2469420000	A.126	AEP 4C 2.5 BL	1521640000	A.114
AEB 35 SCL/1 VO	2661280000	A.78	AEB 35 SCL/1 VO	2661280000	B.76	AEP 2T 1.5	2469420000	B.87	AEP 4C 2.5 BL	1521640000	B.116
AEB 35 SCL/1 VO	2661280000	A.79	AEB 35 SCL/1 VO	2661280000	B.77	AEP 2T 1.5 BL	2471470000	A.76	AEP 4C 4	2051900000	A.61
AEB 35 SCL/1 VO	2661280000	A.80	AEB 35 SCL/1 VO	2661280000	B.78	AEP 2T 1.5 BL	2471470000	A.77	AEP 4C 4	2051900000	A.95
AEB 35 SCL/1 VO	2661280000	A.81	AEB 35 SCL/1 VO	2661280000	B.79	AEP 2T 1.5 BL	2471470000	A.125	AEP 4C 4 BL	2051910000	A.61
AEB 35 SCL/1 VO	2661280000	A.82	AEB 35 SCL/1 VO	2661280000	B.80	AEP 2T 1.5 BL	2471470000	A.126	AEP 4C 6	2876180000	A.63
AEB 35 SCL/1 VO	2661280000	A.83	AEB 35 SCL/1 VO	2661280000	B.81	AEP 2T 1.5 BL	2471470000	B.87	AEP 4C 6	2876180000	A.96
AEB 35 SCL/1 VO	2661280000	A.84	AEB 35 SCL/1 VO	2661280000	B.87	AEP 2T 2.5	1547690000	A.78	AEP 4C 6	2876180000	B.117
AEB 35 SCL/1 VO	2661280000	A.85	AEB 35 SCL/1 VO	2661280000	B.90	AEP 2T 2.5	1547690000	A.79	AEP 4C 6 BL	2876190000	A.63
AEB 35 SCL/1 VO	2661280000	A.86	AEB 35 SCL/1 VO	2661280000	B.92	AEP 2T 2.5	1547690000	A.80	AEP 4C 6 BL	2876190000	B.117
AEB 35 SCL/1 VO	2661280000	A.87	AEB 35 SCL/1 VO	2661280000	B.96	AEP 2T 2.5	1547690000	A.81	AEP AP11	1988320000	B.36
AEB 35 SCL/1 VO	2661280000	A.88	AEB 35 SCL/1 VO	2661280000	B.112	AEP 2T 2.5	1547690000	A.103	AEP AP11	1988320000	B.37
AEB 35 SCL/1 VO	2661280000	A.89	AEB 35 SCL/1 VO	2661280000	B.113	AEP 2T 2.5	1547690000	A.130	AEP AP12	1988300000	B.42
AEB 35 SCL/1 VO	2661280000	A.90	AEB 35 SCL/1 VO	2661280000	B.114	AEP 2T 2.5	1547690000	A.131	AEP AP12	1988300000	B.43
AEB 35 SCL/1 VO	2661280000	A.92	AEB 35 SCL/1 VO	2661280000	B.115	AEP 2T 2.5	1547690000	A.146	AEP AP13	1990140000	B.38
AEB 35 SCL/1 VO	2661280000	A.93	AEB 35 SCL/1 VO	2661280000	B.116	AEP 2T 2.5	1547690000	A.147	AEP AP13	1990140000	B.39
AEB 35 SCL/1 VO	2661280000	A.94	AEB 35 SCL/1 VO	2661280000	B.117	AEP 2T 2.5	1547690000	A.148	AEP AP14	1988340000	B.44
AEB 35 SCL/1 VO	2661280000	A.95	AEB 35 SCL/1 VO	2661280000	B.118	AEP 2T 2.5	1547690000	A.149	AEP AP14	1988340000	B.45
AEB 35 SCL/1 VO	2661280000	A.96	AEB 35 SCL/1 VO	2661280000	B.119	AEP 2T 2.5	1547690000	A.150	AEP AP21	2429020000	B.48
AEB 35 SCL/1 VO	2661280000	A.97	AEB 35 SCL/1 VO	2661280000	B.120	AEP 2T 2.5 3C	2532690000	A.80	AEP AP21	2429020000	B.49
AEB 35 SCL/1 VO	2661280000	A.98	AEB 35 SCL/1 VO	2661280000	B.121	AEP 2T 2.5 3C	2532690000	A.104	AEP AP21	2429020000	B.50
AEB 35 SCL/1 VO	2661280000	A.99	AEB 35 SCL/1 VO	2661280000	C.15	AEP 2T 2.5 3C BL	2532700000	A.80	AEP AP22	2429040000	B.52
AEB 35 SCL/1 VO	2661280000	A.100	AEB 35 SCL/1 VO BK	2661300000	A.175	AEP 2T 2.5 BL	1547700000	A.78	AEP AP22	2429040000	B.53
AEB 35 SCL/1 VO	2661280000	A.101	AEB 35 SCL/1 VO BK	2661300000	C.15	AEP 2T 2.5 BL	1547700000	A.79	AEP DT 1.5 4C	2918300000	A.110
AEB 35 SCL/1 VO	2661280000	A.102	AEB 35 SCL/1 VO BK DL	2570250000	A.175	AEP 2T 2.5 BL	1547700000	A.80	AEP DT 2.5 2T	2744150000	A.123
AEB 35 SCL/1 VO	2661280000	A.103	AEB 35 SCL/1 VO DL	2570240000	A.175	AEP 2T 2.5 BL	1547700000	A.81	AEP DT 2.5 2T BL	2744160000	A.120
AEB 35 SCL/1 VO	2661280000	A.104	AEB 35 SCL/1 VO GY	2661290000	A.175	AEP 2T 2.5 BL	1547700000	A.130	AEP DT 2.5 3C	1989970000	A.115
AEB 35 SCL/1 VO	2661280000	A.105	AEB 35 SCL/1 VO GY	2661290000	C.15	AEP 2T 2.5 BL	1547700000	A.131	AEP DT 2.5 4C	1989980000	A.115
AEB 35 SCL/1 VO	2661280000	A.112	AEB 35 SCL/1 VO GY DL	2570260000	A.175	AEP 2T 4	2540000000	A.82	AEP DT 2.5 4C	1989980000	A.116
AEB 35 SCL/1 VO	2661280000	A.113	AEB ITB 16 BB BL	2669130000	B.66	AEP 2T 4	2540000000	A.83	AEP I021	1993580000	B.56
AEB 35 SCL/1 VO	2661280000	A.114	AEB ITB 16 BB BL	2669130000	B.67	AEP 2T 4	2540000000	A.104	AEP I021	1993580000	B.57
AEB 35 SCL/1 VO	2661280000	A.115	AEB ITB 16 BB BL	2669130000	B.68	AEP 2T 4	2540000000	A.134	AEP I022	1993590000	B.57
AEB 35 SCL/1 VO	2661280000	A.116	AEB ITB 16 BB BL	2669130000	B.69	AEP 2T 4	2540000000	A.135	AEP I023	1993600000	B.57
AEB 35 SCL/1 VO	2661280000	A.117	AEB ITB 16 BB BL	2669130000	B.70	AEP 2T 4 BL	2540010000	A.82	AEP ITB 16 BB 2C	2668840000	B.67
AEB 35 SCL/1 VO	2661280000	A.118	AEB ITB 16 BB BL	2669130000	B.71	AEP 2T 4 BL	2540010000	A.83	AEP ITB 16 BB 2C	2668840000	B.69
AEB 35 SCL/1 VO	2661280000	A.119	AEB ITB 16 BB BL	2669130000	B.72	AEP 2T 4 BL	2540010000	A.134	AEP ITB 16 BB 2C BL	2668850000	B.67
AEB 35 SCL/1 VO	2661280000	A.120	AEB ITB 16 BB BL	2669130000	B.73	AEP 2T 4 BL	2540010000	A.135	AEP ITB 16 BB NDT BL	2668860000	B.71
AEB 35 SCL/1 VO	2661280000	A.121	AEB ITB 16 BB BL	2669130000	B.74	AEP 2T 4 FS	2817060000	A.110	AEP ITB 2.5	2669060000	B.78
AEB 35 SCL/1 VO	2661280000	A.122	AEB ITB 16 BB BL	2669130000	B.75	AEP 2T 4 FS	2817060000	A.111	AEP ITB 2.5	2669060000	B.79
AEB 35 SCL/1 VO	2661280000	A.123	AEB ITB 16 BB BL	2669130000	B.76	AEP 2T 4 FS	2817060000	A.121	AEP ITB 2.5	2669060000	B.80
AEB 35 SCL/1 VO	2661280000	A.124	AEB ITB 16 BB BL	2669130000	B.77	AEP 3C 1.5	1552620000	A.6	AEP ITB 2.5	2669060000	B.81
AEB 35 SCL/1 VO	2661280000	A.125	AEB ITB 16 BB BL	2669130000	B.78	AEP 3C 1.5	1552620000	A.26	AEP ITB 2.5 BB	2668960000	B.72
AEB 35 SCL/1 VO	2661280000	A.126	AEB ITB 16 BB BL	2669130000	B.79	AEP 3C 1.5	1552620000	A.58	AEP ITB 2.5 BB	2668960000	B.73
AEB 35 SCL/1 VO	2661280000	A.127	AEB ITB 16 BB BL	2669130000	B.80	AEP 3C 1.5	1552620000	A.92	AEP ITB 2.5 BB	2668960000	B.74
AEB 35 SCL/1 VO	2661280000	A.128	AEB ITB 16 BB BL	2669130000	B.81	AEP 3C 1.5	1552620000	A.112	AEP ITB 2.5 BB	2668960000	B.75
AEB 35 SCL/1 VO	2661280000	A.129	AEB ITB 2.5/4 BB BL	2690440000	B.66	AEP 3C 1.5	1552620000	A.123	AEP ITB 2.5 BB 2C	2668780000	B.66
AEB 35 SCL/1 VO	2661280000	A.130	AEB ITB 2.5/4 BB BL	2690440000	B.67	AEP 3C 1.5 BL	1552630000	A.6	AEP ITB 2.5 BB 2C	2668780000	B.68
AEB 35 SCL/1 VO	2661280000	A.131	AEB ITB 2.5/4 BB BL	2690440000	B.68	AEP 3C 1.5 BL	1552630000	A.26	AEP ITB 2.5 BB 2C BL	2668790000	B.66
AEB 35 SCL/1 VO	2661280000	A.132	AEB ITB 2.5/4 BB BL	2690440000	B.69	AEP 3C 1.5 BL	1552630000	A.58	AEP ITB 2.5 BB NDT BL	2668800000	B.70
AEB 35 SCL/1 VO	2661280000	A.133	AEB ITB 2.5/4 BB BL	2690440000	B.70	AEP 3C 1.5 BL	1552630000	A.123	AEP ITB 4 BB	2669110000	B.76
AEB 35 SCL/1 VO	2661280000	A.134	AEB ITB 2.5/4 BB BL	2690440000	B.71	AEP 3C 10/16	2490530000	A.65	AEP ITB 4 BL	2669110000	B.77
AEB 35 SCL/1 VO	2661280000	A.135	AEB ITB 2.5/4 BB BL	2690440000	B.72	AEP 3C 10/16	2490530000	A.66	AEP ITB 6 BB 2C	2668810000	B.66
AEB 35 SCL/1 VO	2661280000	A.136	AEB ITB 2.5/4 BB BL	2690440000	B.73	AEP 3C 10/16	2490530000	A.97	AEP ITB 6 BB 2C	2668810000	B.68
AEB 35 SCL/1 VO	2661280000	A.146	AEB ITB 2.5/4 BB BL	2690440000	B.74	AEP 3C 10/16	2490530000	A.98	AEP ITB 6 BB 2C BL	2668820000	B.66
AEB 35 SCL/1 VO	2661280000	A.147	AEB ITB 2.5/4 BB BL	2690440000	B.75	AEP 3C 10/16 BL	2490540000	A.65	AEP ITB 6 BB NDT BL	2668830000	B.70
AEB 35 SCL/1 VO	2661280000	A.148	AEB ITB 2.5/4 BB BL	2690440000	B.76	AEP 3C 10/16 BL	2490540000	A.66	AEP MC 2.5	2433820000	A.80
AEB 35 SCL/1 VO	2661280000	A.149	AEB ITB 2.5/4 BB BL	2690440000	B.77	AEP 3C 2.5	1521510000	A.59	AEP MC 2.5	2433820000	B.30
AEB 35 SCL/1 VO	2661280000	A.150	AEB ITB 2.5/4 BB BL	2690440000	B.78	AEP 3C 2.5	1521510000	A.93	AEP PGTB 1.5 4C/2	2482510000	A.123
AEB 35 SCL/1 VO	2661280000	A.160	AEB ITB 2.5/4 BB BL	2690440000	B.79	AEP 3C 2.5	1521510000	A.128	AEP PGTB 1.5 4C/2	2482510000	A.124
AEB 35 SCL/1 VO	2661280000	B.75	AEB ITB 2.5/4 BB BL	2690440000	B.80	AEP 3C 2.5 BL	1521520000	A.59	AEP PGTB 1.5 4C/2 BL	2482520000	A.123
AEB 35 SCL/1 VO	2661280000	B.78	AEB ITB 2.5/4 BB BL	2690440000	B.81	AEP 3C 2.5 BL	1521520000	A.128	AEP PGTB 1.5 4C/4	2898180000	A.124
AEB 35 SCL/1 VO	2661280000	B.9	AEP 2C 1.5	1552600000	A.6	AEP 3C4	2051720000	A.61	AEP PGTB 1.5 4C/4	2898180000	A.125
AEB 35 SCL/1 VO	2661280000	B.10	AEP 2C 1.5	1552600000	A.26	AEP 3C4	2051720000	A.95	AEP PGTB 2.5 4C/2	1514470000	A.129
AEB 35 SCL/1 VO	2661280000	B.11	AEP 2C								

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
AFS 4 2C BK	2429860000	A.107	AL3C 2.5 OR	2847370000	A.177	ALEP 4C 4	2871850000	B.116	APG 2.5 R	1513940000	A.127
AFS 4 2C BK	2429860000	A.163	AL3C 2.5 PE	2847600000	A.99	ALEP 4C 4 BL	2871860000	A.71	APG 2.5 R	1513940000	A.128
AFS 4 2C BK/BL	2548140000	A.108	AL3C 2.5 RD	2847360000	A.177	ALEP 4C 4 BL	2871860000	B.116	APG 2.5 R	1513940000	A.129
AFS 6 2C 6.3X32	2996020000	A.109	AL3C 2.5 VT	2847390000	A.177	ALEP DT 2.5 2C	2898830000	A.117	APG 2.5 R	1513940000	A.130
AIO21 1.5 SI	1992260000	A.163	AL3C 2.5 WT	2847410000	A.177	ALEP DT 2.5 2C BL	2898840000	A.117	APG 2.5 R	1513940000	A.131
AIO21 1.5 SI	1992260000	B.56	AL3C 2.5 YL	2847420000	A.177	ALEP DT 2.5 3C	2898850000	A.117	APG 2.5 R	1513940000	A.142
AIO21 1.5 SI OR	2579610000	B.56	AL3C 4	2847720000	A.70	ALEP DT 2.5 3C BL	2898860000	A.117	APG 2.5 R BL	1513950000	A.142
AIO21 1.5 SO	1992240000	A.163	AL3C 4	2847720000	A.177	ALEP DT 2.5 4C	2898870000	A.118	APG 2.5 R GN	1513980000	A.142
AIO21 1.5 SO	1992240000	B.56	AL3C 4 BK	2872050000	A.177	ALEP DT 2.5 4C BL	2898880000	A.118	APG 2.5 R RD	2976180000	A.142
AIO21 1.5 SO OR	2579570000	B.56	AL3C 4 BL	2871990000	A.70	ALEP DT 4 2C	2898890000	A.109	APG 2.5/1	1513720000	A.127
AIO21 1.5 SO-PE	1992250000	A.163	AL3C 4 BL	2871990000	A.177	ALEP DT 4 2C	2898890000	A.118	APG 2.5/1	1513720000	A.128
AIO21 1.5 SO-PE	1992250000	B.57	AL3C 4 BR	2872090000	A.177	ALEP DT 4 2C	2898890000	A.119	APG 2.5/1	1513720000	A.129
AIO21 1.5 SO-PE OR	2579580000	B.57	AL3C 4 DBL	2872000000	A.177	ALEP DT 4 2C BL	2898900000	A.109	APG 2.5/1	1513720000	A.130
AIO22 1.5 SH-PE	1992230000	A.163	AL3C 4 FE	2872100000	B.115	ALEP DT 4 2C BL	2898900000	A.118	APG 2.5/1	1513720000	A.131
AIO22 1.5 SH-PE	1992230000	B.57	AL3C 4 GN	2872030000	A.177	ALEP DT 4 2C BL	2898900000	A.119	APG 2.5/1	1513720000	A.138
AIO22 1.5 SH-PE OR	2579640000	B.57	AL3C 4 LTGY	2872080000	A.177	ALFS 4 2C 10-36V BK	2898790000	A.109	APG 2.5/1	1513770000	A.127
AIO23 1.5 2SI	1992220000	B.57	AL3C 4 OR	2872020000	A.177	ALFS 4 2C 100-250V BK	2898820000	A.109	APG 2.5/10	1513770000	A.128
AIO23 1.5 2SI OR	2579620000	B.57	AL3C 4 PE	2847500000	A.100	ALFS 4 2C 30-70V BK	2898800000	A.109	APG 2.5/10	1513770000	A.129
AITB 16 BB 2C	2668740000	B.67	AL3C 4 RD	2872010000	A.177	ALFS 4 2C 60-150V BK	2898810000	A.109	APG 2.5/10	1513770000	A.130
AITB 16 BB 2C BL	2668750000	B.67	AL3C 4 VT	2872040000	A.177	ALFS 4 2C BK	2898780000	A.109	APG 2.5/10	1513770000	A.131
AITB 16 BB 2C PE	2668760000	B.69	AL3C 4 WT	2872060000	A.177	ALO 16	2502280000	A.67	APG 2.5/10	1513770000	A.138
AITB 16 BB NDT BL	2668770000	B.71	AL3C 4 YL	2872070000	A.177	ALO 16 BL	2502320000	A.67	APG 2.5/10-9BG-GN	2712810000	A.140
AITB 2.5 BB 2C	2668660000	B.66	AL4C 2.5	2847460000	A.69	ALO 6	1991780000	A.64	APG 2.5/2	1513640000	A.138
AITB 2.5 BB 2C BL	2668670000	B.66	AL4C 2.5	2847460000	A.177	ALO 6 BL	2065120000	A.64	APG 2.5/3	1513650000	A.138
AITB 2.5 BB 2C PE	2668680000	B.68	AL4C 2.5 BK	2847530000	A.177	AMC 2.5	2434340000	A.90	APG 2.5/3-2BG-GN	2712740000	A.140
AITB 2.5 BB L	2668920000	B.72	AL4C 2.5 BL	2847470000	A.69	AMC 2.5	2434340000	B.30	APG 2.5/3-BG-BL-GN	1513820000	A.138
AITB 2.5 BB LL	2668930000	B.75	AL4C 2.5 BL	2847470000	A.177	AMC 2.5 800V	2434370000	A.90	APG 2.5/4	1513670000	A.138
AITB 2.5 BB LL-PE	2668930000	B.74	AL4C 2.5 BR	2847570000	A.177	AMC 2.5 800V	2434370000	B.30	APG 2.5/4-3BG-GN	1513790000	A.140
AITB 2.5 BB N-L	2668910000	B.73	AL4C 2.5 DBL	2847480000	A.177	APG 1.5 L	2482250000	A.122	APG 2.5/5	1513680000	A.138
AITB 2.5 BB N-L-PE	2668940000	B.72	AL4C 2.5 FE	2847580000	B.115	APG 1.5 L	2482250000	A.123	APG 2.5/5-3BG-BL-GN	1513780000	A.138
AITB 2.5 BB NDT BL	2668690000	B.70	AL4C 2.5 GN	2847510000	A.177	APG 1.5 L	2482250000	A.124	APG 2.5/5-4BG-GN	2712760000	A.140
AITB 2.5 BB NDT L-PE	2668950000	B.74	AL4C 2.5 LTGY	2847560000	A.177	APG 1.5 L	2482250000	A.125	APG 2.5/6	1513690000	A.138
AITB 2.5 LL	2669000000	B.81	AL4C 2.5 OR	2847500000	A.177	APG 1.5 L	2482250000	A.126	APG 2.5/6-5BG-GN	2712770000	A.140
AITB 2.5 LL-PE	2669010000	B.80	AL4C 2.5 PE	2847610000	A.99	APG 1.5 L	2482250000	A.142	APG 2.5/7	1513700000	A.138
AITB 2.5 LDT-L	2668980000	B.78	AL4C 2.5 RD	2847490000	A.177	APG 1.5 LBL	2482260000	A.142	APG 2.5/7-6BG-GN	2712780000	A.140
AITB 2.5 LDT-L-PE	2668990000	B.79	AL4C 2.5 VT	2847520000	A.177	APG 1.5 LGN	2482270000	A.142	APG 2.5/8	1513730000	A.138
AITB 2.5 LDT-L-PE W/O DTLV	2669040000	B.78	AL4C 2.5 WT	2847540000	A.177	APG 1.5 MI	2482280000	A.122	APG 2.5/8-7BG-GN	2712790000	A.140
AITB 2.5 LDT-L-PE W/O DTLV	2669050000	B.79	AL4C 2.5 YL	2847550000	A.177	APG 1.5 MI	2482280000	A.123	APG 2.5/9	1513740000	A.138
AITB 2.5 N-L-PE	2669020000	B.80	AL4C 4	2847730000	A.71	APG 1.5 MI	2482280000	A.124	APG 4 L	2540360000	A.132
AITB 2.5 NDT-L-PE	2669030000	B.79	AL4C 4	2847730000	A.177	APG 1.5 MI	2482280000	A.125	APG 4 L	2540360000	A.133
AITB 4 BB LL	2669070000	B.76	AL4C 4 BK	2872170000	A.177	APG 1.5 MI	2482280000	A.126	APG 4 L	2540360000	A.134
AITB 4 BB LL-PE	2669080000	B.76	AL4C 4 BL	2872110000	A.71	APG 1.5 MI	2482280000	A.142	APG 4 L	2540360000	A.135
AITB 4 BB N-L-PE	2669090000	B.77	AL4C 4 BL	2872110000	A.177	APG 1.5 MI BL	2482290000	A.142	APG 4 L	2540360000	A.142
AITB 4 BB NDT-L-PE	2669100000	B.77	AL4C 4 BR	2872210000	A.177	APG 1.5 MI GN	2482300000	A.142	APG 4 L BL	2540560000	A.142
AITB 6 BB 2C	2668700000	B.66	AL4C 4 DBL	2872120000	A.177	APG 1.5 R	2482310000	A.122	APG 4 L GN	2540570000	A.142
AITB 6 BB 2C BL	2668710000	B.66	AL4C 4 FE	2872220000	B.116	APG 1.5 R	2482310000	A.123	APG 4 MI	2540580000	A.132
AITB 6 BB 2C PE	2668720000	B.68	AL4C 4 GN	2872150000	A.177	APG 1.5 R	2482310000	A.124	APG 4 MI	2540580000	A.133
AITB 6 BB NDT BL	2668730000	B.70	AL4C 4 LTGY	2872200000	A.177	APG 1.5 R	2482310000	A.125	APG 4 MI	2540580000	A.134
AL2C 2.5	2847200000	A.68	AL4C 4 OR	2872140000	A.177	APG 1.5 R	2482310000	A.126	APG 4 MI	2540580000	A.135
AL2C 2.5	2847200000	A.177	AL4C 4 PE	2847770000	A.100	APG 1.5 R	2482310000	A.142	APG 4 MI	2540580000	A.142
AL2C 2.5 BK	2847270000	A.177	AL4C 4 RD	2872130000	A.177	APG 1.5 R BL	2482320000	A.142	APG 4 MI BL	2540590000	A.142
AL2C 2.5 BL	2847210000	A.68	AL4C 4 VT	2872160000	A.177	APG 1.5 R GN	2482330000	A.142	APG 4 MI GN	2540600000	A.142
AL2C 2.5 BL	2847210000	A.177	AL4C 4 WT	2872180000	A.177	APG 1.5/1	2482340000	A.122	APG 4 R	2540610000	A.132
AL2C 2.5 BR	2847310000	A.177	AL4C 4 YL	2872190000	A.177	APG 1.5/1	2482340000	A.123	APG 4 R	2540610000	A.133
AL2C 2.5 DBL	2847220000	A.177	ALDT 2.5 2C	2898660000	A.117	APG 1.5/1	2482340000	A.124	APG 4 R	2540610000	A.134
AL2C 2.5 FE	2847320000	B.114	ALDT 2.5 2C BL	2898670000	A.117	APG 1.5/1	2482340000	A.125	APG 4 R	2540610000	A.135
AL2C 2.5 GN	2847250000	A.177	ALDT 2.5 2C W/O DTLV	2898680000	A.117	APG 1.5/1	2482340000	A.126	APG 4 R	2540610000	A.142
AL2C 2.5 LTGY	2847300000	A.177	ALDT 2.5 2C W/O DTLV BL	2898690000	A.117	APG 1.5/1	2482340000	A.138	APG 4 R BL	2540620000	A.142
AL2C 2.5 OR	2847400000	A.177	ALDT 2.5 3C	2898700000	A.117	APG 1.5/10	2482430000	A.122	APG 4 R GN	2540630000	A.142
AL2C 2.5 PE	2847590000	A.98	ALDT 2.5 3C BL	2898710000	A.117	APG 1.5/10	2482430000	A.123	APG 4/1	2540460000	A.132
AL2C 2.5 RD	2847300000	A.177	ALDT 2.5 4C	2898720000	A.118	APG 1.5/10	2482430000	A.124	APG 4/1	2540460000	A.133
AL2C 2.5 VT	2847260000	A.177	ALDT 2.5 4C BL	2898730000	A.118	APG 1.5/10	2482430000	A.125	APG 4/1	2540460000	A.134
AL2C 2.5 WT	2847280000	A.177	ALDT 4 2C	2898740000	A.118	APG 1.5/10	2482430000	A.126	APG 4/1	2540460000	A.135
AL2C 2.5 YL	2847290000	A.177	ALDT 4 2C BL	2898750000	A.118	APG 1.5/10	2482430000	A.138	APG 4/1	2540460000	A.139
AL2C 4	2847710000	A.70	ALDT 4 2C W/O DTLV	2898760000	A.119	APG 1.5/10-9BG-GN	2719830000	A.140	APG 4/10	2540550000	A.132
AL2C 4	2847710000	A.177	ALDT 4 2C W/O DTLV BL	2898770000	A.119	APG 1.5/2	2482350000	A.138	APG 4/10	2540550000	A.133
AL2C 4 BK	2871930000	A.177	ALEP 2C 2.5	2871750000	A.68	APG 1.5/3	2482360000	A.138	APG 4/10	2540550000	A.134
AL2C 4 BL	2871870000	A.70	ALEP 2C 2.5	2871750000	A.98	APG 1.5/3-2BG-GN	2719740000	A.140	APG 4/10	2540550000	A.135
AL2C 4 BL	2871870000	A.177	ALEP 2C 2.5	2871750000	B.114	APG 1.5/3-BG-BL-GN	2482460000	A.138	APG 4/10	2540550000	A.139
AL2C 4 BR	2871970000	A.177	ALEP 2C 2.5 BL	2871760000	A.68	APG 1.5/4	2482370000	A.138	APG 4/2	2540470000	A.139
AL2C 4 DBL	2871880000	A.177	ALEP 2C 2.5 BL	2871760000	B.114	APG 1.5/4-3BG-GN	2482450000	A.140	APG 4/3	2540480000	A.139
AL2C 4 FE	2871980000	B.115	ALEP 2C 4	2871810000	A.70	APG 1.5/5	2482380000	A.138	APG 4/3-BG-BL-GN	2540450000	A.139
AL2C 4 GN	2871910000	A.177	ALEP 2C 4	2871810000	A.99	APG 1.5/5-3BG-BL-GN	2482440000	A.138	APG 4/4	2540490000	A.139
AL2C 4 LTGY	2871960000	A.177	ALEP 2C 4	2871810000	B.115	APG 1.5/5-4BG-GN	2719770000	A.140	APG 4/4-3BG-GN	2540440000	A.139
AL2C 4 OR	2871900000	A.177	ALEP 2C 4 BL	2871820000	A.70	APG 1.5/6	2482390000	A.138	APG 4/5	2540500000	A.139
AL2C 4 PE	2847740000	A.99	ALEP 2C 4 BL	2871820000	B.115	APG 1.5/6-5BG-GN	2719780000	A.140	APG 4/5-3BG-BL-GN	2540430000	A.139
AL2C 4 RD	2871890000	A.177	ALEP 2T 2.5	2848010000	A.83	APG 1.5/7	2482400000	A.138	APG 4/6	2540510000	A.139
AL2C 4 VT	2871920000	A.177	ALEP 2T 2.5	2848010000	A.84	APG 1.5/7-6BG-GN	2719800000	A.140	APG 4/7	2540520000	A.139
AL2C 4 WT	2871940000	A.177	ALEP 2T 2.5	2848010000	A.103	APG 1.5/8	2482410000	A.138	APG 4/8	2540530000	A.139
AL2C 4 YL	2871950000	A.177	ALEP 2T 4	2848080000	A.85	APG 1.5/8-7BG-GN	2719810000	A.140	APG 4/9		

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
APG 6/5	288270000	A.139	APGTB 2.5 2T 4C/2 BL	1548070000	A.130	ATPG 1.5-10 L	1991890000	A.24	ATPG 1.5-10 L	1991890000	B.56
APG 6/6	288271000	A.139	APGTB 2.5 2T FT-PE 4C/2	1548130000	A.131	ATPG 1.5-10 L	1991890000	A.25	ATPG 1.5-10 L	1991890000	B.57
APG 6/7	288272000	A.139	APGTB 2.5 2T PE 4C/2	1548160000	A.131	ATPG 1.5-10 L	1991890000	A.26	ATPG 1.5-10 L	1991890000	B.66
APG 6/8	288273000	A.139	APGTB 2.5 2T PE 4C/2	1548160000	A.163	ATPG 1.5-10 L	1991890000	A.27	ATPG 1.5-10 L	1991890000	B.67
APG 6/9	288274000	A.139	APGTB 2.5 2T VL 4C/2	1548140000	A.131	ATPG 1.5-10 L	1991890000	A.28	ATPG 1.5-10 L	1991890000	B.68
APGCE	1514490000	A.51	APGTB 2.5 2T VL 4C/2 BL	1548150000	A.131	ATPG 1.5-10 L	1991890000	A.29	ATPG 1.5-10 L	1991890000	B.69
APGCE	1514490000	A.53	APGTB 2.5 FT 2C/1	1513970000	A.127	ATPG 1.5-10 L	1991890000	A.30	ATPG 1.5-10 L	1991890000	B.70
APGCE	1514490000	A.138	APGTB 2.5 FT 2C/1	1513970000	A.163	ATPG 1.5-10 L	1991890000	A.31	ATPG 1.5-10 L	1991890000	B.71
APGCE	1514490000	A.139	APGTB 2.5 FT 2C/1 BL	1513990000	A.127	ATPG 1.5-10 L	1991890000	A.32	ATPG 1.5-10 L	1991890000	B.72
APGCE	1514490000	A.140	APGTB 2.5 FT 3C/1	1514000000	A.128	ATPG 1.5-10 L	1991890000	A.33	ATPG 1.5-10 L	1991890000	B.73
APGCE	1514490000	A.143	APGTB 2.5 FT 3C/1	1514000000	A.163	ATPG 1.5-10 L	1991890000	A.34	ATPG 1.5-10 L	1991890000	B.74
APGCE	1514490000	B.96	APGTB 2.5 FT 3C/1 BL	1514020000	A.128	ATPG 1.5-10 L	1991890000	A.35	ATPG 1.5-10 L	1991890000	B.75
APGCE	1514490000	B.101	APGTB 2.5 FT 4C/2	1514030000	A.129	ATPG 1.5-10 L	1991890000	A.36	ATPG 1.5-10 L	1991890000	B.76
APGLE 1.5	248272000	A.138	APGTB 2.5 FT 4C/2	1514030000	A.163	ATPG 1.5-10 L	1991890000	A.37	ATPG 1.5-10 L	1991890000	B.77
APGLE 1.5	248272000	A.140	APGTB 2.5 FT 4C/2 BL	1514040000	A.129	ATPG 1.5-10 L	1991890000	A.38	ATPG 1.5-10 L	1991890000	B.78
APGLE 1.5	248272000	A.143	APGTB 2.5 FT 4C/4	2898150000	A.129	ATPG 1.5-10 L	1991890000	A.39	ATPG 1.5-10 L	1991890000	B.79
APGLE 2.5/4	2457570000	A.51	APGTB 2.5 FT 4C/4 BL	2898160000	A.129	ATPG 1.5-10 L	1991890000	A.40	ATPG 1.5-10 L	1991890000	B.80
APGLE 2.5/4	2457570000	A.53	APGTB 2.5 PE 2C/1	1513870000	A.127	ATPG 1.5-10 L	1991890000	A.41	ATPG 1.5-10 L	1991890000	B.81
APGLE 2.5/4	2457570000	A.138	APGTB 2.5 PE 2C/1	1513870000	A.163	ATPG 1.5-10 L	1991890000	A.43	ATPG 1.5-10 L	1991890000	B.87
APGLE 2.5/4	2457570000	A.139	APGTB 2.5 PE 3C/1	1513890000	A.128	ATPG 1.5-10 L	1991890000	A.44	ATPG 1.5-10 L	1991890000	B.112
APGLE 2.5/4	2457570000	A.140	APGTB 2.5 PE 3C/1	1513890000	A.163	ATPG 1.5-10 L	1991890000	A.58	ATPG 1.5-10 L	1991890000	B.123
APGLE 2.5/4	2457570000	A.143	APGTB 2.5 PE 4C/2	1513920000	A.129	ATPG 1.5-10 L	1991890000	A.59	ATPG 1.5-10 L	1991890000	B.114
APGLE 6	2762400000	A.139	APGTB 2.5 PE 4C/2	1513920000	A.163	ATPG 1.5-10 L	1991890000	A.60	ATPG 1.5-10 L	1991890000	B.115
APGLE 6	2762400000	A.143	APGTB 2.5 PE 4C/4	2898170000	A.130	ATPG 1.5-10 L	1991890000	A.61	ATPG 1.5-10 L	1991890000	B.116
APGLE 6	2762400000	B.96	APGTB 4 2T 4C/2	2540230000	A.134	ATPG 1.5-10 L	1991890000	A.62	ATPG 1.5-10 L	1991890000	B.117
APGLE 6	2762400000	B.101	APGTB 4 2T 4C/2 BL	2540250000	A.134	ATPG 1.5-10 L	1991890000	A.63	ATPG 1.5-10 L	1991890000	B.118
APGPC 1.5	2482530000	A.138	APGTB 4 2T FT-PE 4C/2	2540290000	A.135	ATPG 1.5-10 L	1991890000	A.64	ATPG 1.5-10 L	1991890000	B.119
APGPC 1.5	2482530000	A.140	APGTB 4 2T PE 4C/2	2540300000	A.135	ATPG 1.5-10 L	1991890000	A.66	ATPG 1.5-10 L	1991890000	B.120
APGPC 1.5	2482530000	A.143	APGTB 4 2T VL 4C/2	2540260000	A.135	ATPG 1.5-10 L	1991890000	A.67	ATPG 1.5-10 L	1991890000	B.121
APGPC 2.5	1514500000	A.51	APGTB 4 2T VL 4C/2 BL	2540270000	A.135	ATPG 1.5-10 L	1991890000	A.68	ATPG 10 MI-R	1991870000	A.16
APGPC 2.5	1514500000	A.53	APGTB 4 FT 2C/1	2540050000	A.132	ATPG 1.5-10 L	1991890000	A.69	ATPG 10 MI-R	1991870000	A.17
APGPC 2.5	1514500000	A.138	APGTB 4 FT 2C/1 BL	2540060000	A.132	ATPG 1.5-10 L	1991890000	A.70	ATPG 10 MI-R	1991870000	A.65
APGPC 2.5	1514500000	A.140	APGTB 4 FT 3C/1	2540070000	A.133	ATPG 1.5-10 L	1991890000	A.71	ATPG 10 MI-R	1991870000	A.173
APGPC 2.5	1514500000	A.143	APGTB 4 FT 3C/1 BL	2540080000	A.133	ATPG 1.5-10 L	1991890000	A.72	ATPG 2.5 MI-R	1991960000	A.6
APGPC 4	2540960000	A.139	APGTB 4 FT 4C/2	2540090000	A.133	ATPG 1.5-10 L	1991890000	A.73	ATPG 2.5 MI-R	1991960000	A.7
APGPC 4	2540960000	A.143	APGTB 4 FT 4C/2 BL	2540100000	A.133	ATPG 1.5-10 L	1991890000	A.74	ATPG 2.5 MI-R	1991960000	A.8
APGPC 6	2762410000	A.139	APGTB 4 PE 2C/1	2540110000	A.132	ATPG 1.5-10 L	1991890000	A.75	ATPG 2.5 MI-R	1991960000	A.9
APGPC 6	2762410000	A.143	APGTB 4 PE 3C/1	2540170000	A.133	ATPG 1.5-10 L	1991890000	A.76	ATPG 2.5 MI-R	1991960000	A.18
APGPC 6	2762410000	B.96	APGTB 4 PE 4C/2	2540180000	A.134	ATPG 1.5-10 L	1991890000	A.77	ATPG 2.5 MI-R	1991960000	A.19
APGPC 6	2762410000	B.100	APGTB 6 FT 2C/1	3002280000	A.136	ATPG 1.5-10 L	1991890000	A.78	ATPG 2.5 MI-R	1991960000	A.20
APGSR 1.5	2482730000	A.138	APGTB 6 PE 2C/1	3002340000	A.136	ATPG 1.5-10 L	1991890000	A.79	ATPG 2.5 MI-R	1991960000	A.21
APGSR 1.5	2482730000	A.140	APP 1	2489970000	A.163	ATPG 1.5-10 L	1991890000	A.80	ATPG 2.5 MI-R	1991960000	A.22
APGSR 1.5	2482730000	A.142	APP 2	2489900000	A.163	ATPG 1.5-10 L	1991890000	A.81	ATPG 2.5 MI-R	1991960000	A.23
APGSR 1.5-4P	2482740000	A.138	APP 3	2489100000	A.163	ATPG 1.5-10 L	1991890000	A.82	ATPG 2.5 MI-R	1991960000	A.24
APGSR 1.5-4P	2482740000	A.140	APP 4	2489110000	A.163	ATPG 1.5-10 L	1991890000	A.83	ATPG 2.5 MI-R	1991960000	A.25
APGSR 1.5-4P	2482740000	A.142	APP ITB 16 BB 2C/NDT BL	2668890000	B.67	ATPG 1.5-10 L	1991890000	A.84	ATPG 2.5 MI-R	1991960000	A.26
APGSR 1.5-8P	2482750000	A.138	APP ITB 16 BB 2C/NDT BL	2668890000	B.69	ATPG 1.5-10 L	1991890000	A.85	ATPG 2.5 MI-R	1991960000	A.27
APGSR 1.5-8P	2482750000	A.140	APP ITB 16 BB 2C/NDT BL	2668890000	B.71	ATPG 1.5-10 L	1991890000	A.86	ATPG 2.5 MI-R	1991960000	A.28
APGSR 1.5-8P	2482750000	A.142	APP ITB 2.5 BB 2C/NDT BL	2668870000	B.68	ATPG 1.5-10 L	1991890000	A.87	ATPG 2.5 MI-R	1991960000	A.29
APGSR 2.5/4	2457580000	A.51	APP ITB 2.5 BB 2C/NDT BL	2668870000	B.68	ATPG 1.5-10 L	1991890000	A.88	ATPG 2.5 MI-R	1991960000	A.30
APGSR 2.5/4	2457580000	A.52	APP ITB 2.5 BB 2C/NDT BL	2668870000	B.70	ATPG 1.5-10 L	1991890000	A.89	ATPG 2.5 MI-R	1991960000	A.38
APGSR 2.5/4	2457580000	A.138	APP ITB 2.5 BB BL	2668970000	B.72	ATPG 1.5-10 L	1991890000	A.92	ATPG 2.5 MI-R	1991960000	A.39
APGSR 2.5/4	2457580000	A.139	APP ITB 2.5 BB BL	2668970000	B.73	ATPG 1.5-10 L	1991890000	A.93	ATPG 2.5 MI-R	1991960000	A.41
APGSR 2.5/4	2457580000	A.140	APP ITB 2.5 BB BL	2668970000	B.74	ATPG 1.5-10 L	1991890000	A.94	ATPG 2.5 MI-R	1991960000	A.42
APGSR 2.5/4	2457580000	A.142	APP ITB 2.5 BB BL	2668970000	B.75	ATPG 1.5-10 L	1991890000	A.95	ATPG 2.5 MI-R	1991960000	A.43
APGSR 2.5/4-4P	2457590000	A.51	APP ITB 2.5 BB BL VI	2881640000	B.72	ATPG 1.5-10 L	1991890000	A.96	ATPG 2.5 MI-R	1991960000	A.59
APGSR 2.5/4-4P	2457590000	A.52	APP ITB 2.5 BB BL VI	2881640000	B.73	ATPG 1.5-10 L	1991890000	A.97	ATPG 2.5 MI-R	1991960000	A.60
APGSR 2.5/4-4P	2457590000	A.138	APP ITB 2.5 BB BL VI	2881640000	B.74	ATPG 1.5-10 L	1991890000	A.98	ATPG 2.5 MI-R	1991960000	A.68
APGSR 2.5/4-4P	2457590000	A.139	APP ITB 2.5 BB BL VI	2881640000	B.75	ATPG 1.5-10 L	1991890000	A.99	ATPG 2.5 MI-R	1991960000	A.69
APGSR 2.5/4-4P	2457590000	A.140	APP ITB 4 BB BL	2669120000	B.76	ATPG 1.5-10 L	1991890000	A.100	ATPG 2.5 MI-R	1991960000	A.78
APGSR 2.5/4-4P	2457590000	A.142	APP ITB 4 BB BL	2669120000	B.77	ATPG 1.5-10 L	1991890000	A.101	ATPG 2.5 MI-R	1991960000	A.79
APGSR 2.5/4-8P	2457600000	A.51	APP ITB 4 BB BL VI	2881650000	B.76	ATPG 1.5-10 L	1991890000	A.102	ATPG 2.5 MI-R	1991960000	A.80
APGSR 2.5/4-8P	2457600000	A.52	APP ITB 4 BB BL VI	2881650000	B.77	ATPG 1.5-10 L	1991890000	A.103	ATPG 2.5 MI-R	1991960000	A.81
APGSR 2.5/4-8P	2457600000	A.138	APP ITB 6 BB 2C/NDT BL	2668880000	B.66	ATPG 1.5-10 L	1991890000	A.104	ATPG 2.5 MI-R	1991960000	A.83
APGSR 2.5/4-8P	2457600000	A.139	APP ITB 6 BB 2C/NDT BL	2668880000	B.68	ATPG 1.5-10 L	1991890000	A.105	ATPG 2.5 MI-R	1991960000	A.84
APGSR 2.5/4-8P	2457600000	A.140	APP ITB 6 BB 2C/NDT BL	2668880000	B.70	ATPG 1.5-10 L	1991890000	A.112	ATPG 2.5 MI-R	1991960000	A.85
APGSR 2.5/4-8P	2457600000	A.142	ASP 2T 2.5	2820650000	A.147	ATPG 1.5-10 L	1991890000	A.113	ATPG 2.5 MI-R	1991960000	A.88
APGSR 6	2762390000	A.139	ATPG 1.5 MI-R	1991880000	A.58	ATPG 1.5-10 L	1991890000	A.114	ATPG 2.5 MI-R	1991960000	A.89
APGSR 6	2762390000	A.142	ATPG 1.5 MI-R	1991880000	A.59	ATPG 1.5-10 L	1991890000	A.115	ATPG 2.5 MI-R	1991960000	A.93
APGSR 6	2762390000	B.96	ATPG 1.5 MI-R	1991880000	A.76	ATPG 1.5-10 L	1991890000	A.116	ATPG 2.5 MI-R	1991960000	A.94
APGSR 6	2762390000	B.101	ATPG 1.5 MI-R	1991880000	A.77	ATPG 1.5-10 L	1991890000	A.117	ATPG 2.5 MI-R	1991960000	A.95
APGTB 1.5 2T 4C/2	2485840000	A.125	ATPG 1.5 MI-R	1991880000	A.86	ATPG 1.5-10 L	1991890000	A.118	ATPG 2.5 MI-R	1991960000	A.98
APGTB 1.5 2T 4C/2	2485840000	A.163	ATPG 1.5 MI-R	1991880000	A.87	ATPG 1.5-10 L	1991890000	A.119	ATPG 2.5 MI-R	1991960000	A.99
APGTB 1.5 2T 4C/2 BL	2485850000	A.125	ATPG 1.5 MI-R	1991880000	A.92	ATPG 1.5-10 L	1991890000	A.120	ATPG 2.5 MI-R	1991960000	A.100
APGTB 1.5 2T FT-PE 4C/2	2485860000	A.126	ATPG 1.5 MI-R	1991880000	A.93	ATPG 1.5-10 L	1991890000	A.121	ATPG 2.5 MI-R	1991960000	A.103
APGTB 1.5 2T PE 4C/2	2485870000	A.126	ATPG 1.5 MI-R	1991880000	A.102	ATPG 1.5-10 L	1991890000	A.160	ATPG 2.5 MI-R	1991960000	A.104
APGTB 1.5 2T PE 4C/2	2485870000	A.163	ATPG 1.5 MI-R	1991880000	A.105	ATPG 1.5-10 L	1991890000	A.173	ATPG 2.5 MI-R	1991960000	A.105
APGTB 1.5 2T VL 4C/2	2485920000	A.125	ATPG 1.5 MI-R	1991880000	A.112	ATPG 1.5-10 L	1991890000	B.8	ATPG 2.5 MI-R	1991960000	A.11

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ATPG 2.5 MI-R	1991960000	B.116
ATPG 2.5/3	2041190000	A.8
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ATPG 2.5/3	2041190000	A.20
ATPG 2.5/3	2041190000	A.21
ATPG 2.5/3	2041190000	A.22
ATPG 2.5/3	2041190000	A.23
ATPG 2.5/3	2041190000	A.24
ATPG 2.5/3	2041190000	A.25
ATPG 2.5/3	2041190000	A.28
ATPG 2.5/3	2041190000	A.29
ATPG 2.5/3	2041190000	A.41
ATPG 2.5/3	2041190000	A.42
ATPG 2.5/3	2041190000	A.43
ATPG 2.5/3	2041190000	A.59
ATPG 2.5/3	2041190000	A.60
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ATPG 2.5/3	2041190000	A.84
ATPG 2.5/3	2041190000	A.85
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ATPG 2.5/3	2041190000	A.94
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ATPG 2.5/3	2041190000	A.118
ATPG 2.5/3	2041190000	A.160
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ATPG 2.5/3	2041190000	B.74
ATPG 2.5/3	2041190000	B.75
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ATPG 2.5/5	2041180000	B.115
ATPG 2.5/5	2041180000	B.116

Type	Order No.	Page
ATPG 2.5/5	2041180000	B.114
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ATPG 4 MI-R	1991860000	A.11
ATPG 4 MI-R	1991860000	A.30
ATPG 4 MI-R	1991860000	A.31
ATPG 4 MI-R	1991860000	A.44
ATPG 4 MI-R	1991860000	A.60
ATPG 4 MI-R	1991860000	A.61
ATPG 4 MI-R	1991860000	A.70
ATPG 4 MI-R	1991860000	A.71
ATPG 4 MI-R	1991860000	A.82
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ATPG 4 MI-R	1991860000	A.94
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ATPG 4 MI-R	1991860000	A.100
ATPG 4 MI-R	1991860000	A.104
ATPG 4 MI-R	1991860000	A.116
ATPG 4 MI-R	1991860000	A.118
ATPG 4 MI-R	1991860000	A.119
ATPG 4 MI-R	1991860000	A.121
ATPG 4 MI-R	1991860000	A.173
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ATPG 4 MI-R	1991860000	B.113
ATPG 4 MI-R	1991860000	B.115
ATPG 4 MI-R	1991860000	B.116
ATPG 6 MI-R	1991930000	A.12
ATPG 6 MI-R	1991930000	A.13
ATPG 6 MI-R	1991930000	A.14
ATPG 6 MI-R	1991930000	A.15
ATPG 6 MI-R	1991930000	A.32
ATPG 6 MI-R	1991930000	A.33
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ATPG 6 MI-R	1991930000	B.68
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ATPG 6 MI-R	1991930000	B.113
ATPG 6 MI-R	1991930000	B.117
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ATTB 6	2710070000	B.91
ATTB 6 PE	2710080000	B.90
ATTB 6 PE	2710080000	B.91
ATTB 6 PE	2710080000	B.99
ATTB 6 PG CT	2762280000	B.96
ATTB 6 PG CT	2762280000	B.97
ATTB 6 PG VT	2762280000	B.96
ATTB 6 PG VT	2762280000	B.97
AWPD 35 4X10	2728630000	B.28
AWPD 35 4X10 BL	2860570000	B.28
AWPD 35 4X10 FE	2924980000	B.121
AWPD 35 4X6/6X2.5 FE	2924980000	B.121

B

BB-CV AITB 3X10 BL	2918930000	B.82
BB-CV AITB 3X10 OR	2911380000	B.82
BEST	1833100000	A.120
BEST	1833100000	A.121
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BEST	1833100000	B.79
BEST	1833100000	B.80
BEST	1833100000	B.81
BEST/D	1878560000	A.120
BEST/D	1878560000	A.121
BEST/D	1878560000	B.78
BEST/D	1878560000	B.79
BEST/D	1878560000	B.80
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BEST/DRBR	1878570000	B.80
BEST/DRBR	1878570000	B.81
BEZ -KARTE ADP	0566700000	C.18
BFSK M4X30	0267100000	C.4
BFSK M4X9T	0103300000	C.4
BFSK M5X8 SCHLITZ	0296700000	C.4
BZT PRV16 BL 35X15	1267930000	B.62
BZT PRV16 BL 35X7.5	1267940000	B.62
BZT PRV16 SW 35X15	1173540000	B.62
BZT PRV16 SW 35X7.5	1173550000	B.62
BZT PRV4 BL 35X15	1267980000	B.60
BZT PRV4 BL 35X7.5	1267980000	B.60
BZT PRV4 BL 35X7.5	1267990000	B.63
BZT PRV4 SW 35X15	1173590000	B.60
BZT PRV4 SW 35X7.5	1173590000	B.63
BZT PRV4 SW 35X7.5	1173600000	B.60
BZT PRV4 SW 35X7.5	1173600000	B.63
BZT PRV8 BL 35X15	1267950000	B.61
BZT PRV8 BL 35X15	1267950000	B.63

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BZT PRV8 SW 35X15	1173570000	B.61
BZT PRV8 SW 35X15	1173570000	B.63
BZT PRV8 SW 35X7.5	1173580000	B.61
BZT PRV8 SW 35X7.5	1173580000	B.63

C

CH TTB	2710130000	B.91
CH TTB	2710130000	B.93
CP TTB	2710140000	B.91
CP TTB	2710140000	B.93
CS TTB	2710150000	B.91
CS TTB	2710150000	B.93

D

DEK 5/3.5 MM WS	2007100000	A.6
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DEK 5/3.5 MM WS	2007100000	A.27
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DEK 5/3.5 MM WS	2007100000	A.113
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DEK 5/3.5 MM WS	2007100000	A.124
DEK 5/3.5 MM WS	2007100000	A.125
DEK 5/3.5 MM WS	2007100000	A.126
DEK 5/3.5 MM WS	2007100000	A.138
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DEK 5/3.5 PLUS MC NE WS	2007100000	B.37
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DEK 5/3.5 PLUS MC NE WS	2003750000	A.168
DEK 5/3.5 PLUS MC NE WS	2003750000	A.169
DEK 5/3.5 PLUS MC NE WS	2003750000	A.170
DEK 5/3.5 PLUS MC NE WS	2003750000	A.171
DEK 5/3.5 PLUS MC NE WS	2003750000	A.172
DEK 5/3.5 PLUS MC NE WS	2003750000	A.173
DEK 5/3.5 PLUS MC NE WS	2003750000	A.174
DEK 5/3.5 PLUS MC NE WS	2003750000	A.175
DEK 5/3.5 PLUS MC NE WS	2003750000	A.176
DEK 5/3.5 PLUS MC NE WS	2003750000	A.177
DEK 5/3.5 PLUS MC NE WS	2003750000	A.178
DEK 5/3.5 PLUS MC NE WS	2003750000	A.179
DEK 5/3.5 PLUS MC NE WS	2003750000	A.180
DEK 5/3.5 PLUS MC NE WS	2003750000	A.181
DEK 5/3.5 PLUS MC NE WS	2003750000	A.182
DEK 5/3.5 PLUS MC NE WS	2003750000	A.183
DEK 5/3.5 PLUS MC NE WS	2003750000	A.

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
DEK 5/5 PLUS MC NE WS	1854490000	A.79	DEK 5/6 MM WS	2007120000	A.139	DEK-A 5/8 MM WS	2448860000	A.17	GZ 0.5A/F	1460580000	A.109
DEK 5/5 PLUS MC NE WS	1854490000	A.80	DEK 5/6 MM WS	2007120000	B.49	DEK-A 5/8 MM WS	2448860000	A.32	GZ 1.0A/F	1460590000	A.109
DEK 5/5 PLUS MC NE WS	1854490000	A.81	DEK 5/6 MM WS	2007120000	B.50	DEK-A 5/8 MM WS	2448860000	A.33	GZ 2.0A/F	1460600000	A.109
DEK 5/5 PLUS MC NE WS	1854490000	A.82	DEK 5/6 MM WS	2007120000	B.53	DEK-A 5/8 MM WS	2448860000	A.34			
DEK 5/5 PLUS MC NE WS	1854490000	A.83	DEK 5/6 MM WS	2007120000	B.76	DEK-A 5/8 MM WS	2448860000	A.35			
DEK 5/5 PLUS MC NE WS	1854490000	A.84	DEK 5/6 MM WS	2007120000	B.77	DEK-A 5/8 MM WS	2448860000	A.62			
DEK 5/5 PLUS MC NE WS	1854490000	A.85	DEK 5/6 MM WS	2007120000	B.113	DEK-A 5/8 MM WS	2448860000	A.63			
DEK 5/5 PLUS MC NE WS	1854490000	A.88	DEK 5/6 MM WS	2007120000	B.115	DEK-A 5/8 MM WS	2448860000	A.64	HP 1 ADP1	0485560000	C.18
DEK 5/5 PLUS MC NE WS	1854490000	A.89	DEK 5/6 MM WS	2007120000	B.116	DEK-A 5/8 MM WS	2448860000	A.95	HP 2 ADP2	0485660000	C.18
DEK 5/5 PLUS MC NE WS	1854490000	A.90	DEK 5/6 PLUS MC NE WS	1011320000	A.10	DEK-A 5/8 MM WS	2448860000	A.96	HP 3 ADP3	0485760000	C.18
DEK 5/5 PLUS MC NE WS	1854490000	A.93	DEK 5/6 PLUS MC NE WS	1011320000	A.11	DEK-A 5/8 MM WS	2448860000	A.136	HP 4 ADP3	0485860000	C.18
DEK 5/5 PLUS MC NE WS	1854490000	A.94	DEK 5/6 PLUS MC NE WS	1011320000	A.30	DEK-A 5/8 MM WS	2448860000	B.36	HTTB 6	2710110000	B.93
DEK 5/5 PLUS MC NE WS	1854490000	A.95	DEK 5/6 PLUS MC NE WS	1011320000	A.31	DEK-A 5/8 MM WS	2448860000	B.37	HTTB 6 PE	2710120000	B.93
DEK 5/5 PLUS MC NE WS	1854490000	A.97	DEK 5/6 PLUS MC NE WS	1011320000	A.40	DEK-A 5/8 MM WS	2448860000	B.38	HTTB 6 PE	2710120000	B.99
DEK 5/5 PLUS MC NE WS	1854490000	A.98	DEK 5/6 PLUS MC NE WS	1011320000	A.44	DEK-A 5/8 MM WS	2448860000	B.39			
DEK 5/5 PLUS MC NE WS	1854490000	A.99	DEK 5/6 PLUS MC NE WS	1011320000	A.60	DEK-A 5/8 MM WS	2448860000	B.91			
DEK 5/5 PLUS MC NE WS	1854490000	A.100	DEK 5/6 PLUS MC NE WS	1011320000	A.61	DEK-A 5/8 MM WS	2448860000	B.93			
DEK 5/5 PLUS MC NE WS	1854490000	A.103	DEK 5/6 PLUS MC NE WS	1011320000	A.70	DEK-A 5/8 MM WS	2448860000	B.113			
DEK 5/5 PLUS MC NE WS	1854490000	A.104	DEK 5/6 PLUS MC NE WS	1011320000	A.71	DEK-A 5/8 MM WS	2448860000	B.117			
DEK 5/5 PLUS MC NE WS	1854490000	A.105	DEK 5/6 PLUS MC NE WS	1011320000	A.94	DKSUE NSCH/ESCH	0280100000	C.4			
DEK 5/5 PLUS MC NE WS	1854490000	A.106	DEK 5/6 PLUS MC NE WS	1011320000	A.95	DTLE 2.5/4	2910530000	A.41	L-BOX 102 CASE EMPTY WITH 5 TRAYS	2941370000	B.85
DEK 5/5 PLUS MC NE WS	1854490000	A.113	DEK 5/6 PLUS MC NE WS	1011320000	A.99	DTLE 2.5/4	2910530000	A.42	L-BOX 102 KC AITB INSTA 1	2938390000	B.85
DEK 5/5 PLUS MC NE WS	1854490000	A.114	DEK 5/6 PLUS MC NE WS	1011320000	A.100	DTLE 2.5/4	2910530000	A.43	LT TB 6/1	2710230000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	A.115	DEK 5/6 PLUS MC NE WS	1011320000	A.104	DTLE 2.5/4	2910530000	A.44	LT TB 6/1	2710230000	B.91
DEK 5/5 PLUS MC NE WS	1854490000	A.116	DEK 5/6 PLUS MC NE WS	1011320000	A.107	DTLE 2.5/4	2910530000	A.113	LT TB 6/1	2710230000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	A.117	DEK 5/6 PLUS MC NE WS	1011320000	A.108	DTLE 2.5/4	2910530000	A.115	LT TB 6/1	2710230000	B.93
DEK 5/5 PLUS MC NE WS	1854490000	A.118	DEK 5/6 PLUS MC NE WS	1011320000	A.109	DTLE 2.5/4	2910530000	A.116	LT TB 6/1	2710230000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	A.120	DEK 5/6 PLUS MC NE WS	1011320000	A.110	DTLE 2.5/4	2910530000	A.117	LT TB 6/1	2710230000	B.97
DEK 5/5 PLUS MC NE WS	1854490000	A.127	DEK 5/6 PLUS MC NE WS	1011320000	A.111	DTLE 2.5/4	2910530000	A.118	LT TB 6/1	2710230000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	A.128	DEK 5/6 PLUS MC NE WS	1011320000	A.116	DTLE 2.5/4	2910530000	A.119	LT TB 6/2	2710300000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	A.129	DEK 5/6 PLUS MC NE WS	1011320000	A.118	DTLE 2.5/4	2910530000	A.120	LT TB 6/2	2710300000	B.91
DEK 5/5 PLUS MC NE WS	1854490000	A.130	DEK 5/6 PLUS MC NE WS	1011320000	A.119				LT TB 6/2	2710300000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	A.131	DEK 5/6 PLUS MC NE WS	1011320000	A.121				LT TB 6/2	2710300000	B.93
DEK 5/5 PLUS MC NE WS	1854490000	A.138	DEK 5/6 PLUS MC NE WS	1011320000	A.132				LT TB 6/2	2710300000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	A.140	DEK 5/6 PLUS MC NE WS	1011320000	A.133	EP TTB 6	2710170000	B.90	LT TB 6/2	2710300000	B.97
DEK 5/5 PLUS MC NE WS	1854490000	A.146	DEK 5/6 PLUS MC NE WS	1011320000	A.134	EP TTB 6	2710170000	B.91	LT TB 6/2	2710300000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	A.147	DEK 5/6 PLUS MC NE WS	1011320000	A.135	EP TTB 6	2710170000	B.92	LT TB 6/2 CM	2710370000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	A.148	DEK 5/6 PLUS MC NE WS	1011320000	A.139	EP TTB 6	2710170000	B.93	LT TB 6/2 CM	2710370000	B.91
DEK 5/5 PLUS MC NE WS	1854490000	A.149	DEK 5/6 PLUS MC NE WS	1011320000	B.49	ESCH 1 M	0280300000	C.4	LT TB 6/2 CM	2710370000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	A.150	DEK 5/6 PLUS MC NE WS	1011320000	B.50	EW 15	0382860000	C.15	LT TB 6/2 CM	2710370000	B.93
DEK 5/5 PLUS MC NE WS	1854490000	A.160	DEK 5/6 PLUS MC NE WS	1011320000	B.53	EW 15/2	1071900000	C.15	LT TB 6/2 CM	2710370000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	B.28	DEK 5/6 PLUS MC NE WS	1011320000	B.113	EW 35	0383560000	C.15	LT TB 6/2 CM	2710370000	B.97
DEK 5/5 PLUS MC NE WS	1854490000	B.30	DEK 5/6 PLUS MC NE WS	1011320000	B.115	EW 35 DB	1269050000	C.15	LT TB 6/2 CM	2710370000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	B.42	DEK 5/6 PLUS MC NE WS	1011320000	B.116	EW 35 GR 7032	0383530000	C.15	LT TB 6/3	2710440000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	B.43	DEK 5/8 MC NE WS	1856740000	A.139	EWK 1	0206160000	C.15	LT TB 6/3	2710440000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	B.44	DEK 5/8 MC NE WS	1856740000	B.66	EWK 2	0199360000	C.15	LT TB 6/3	2710440000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	B.45	DEK 5/8 MC NE WS	1856740000	B.68				LT TB 6/3	2710440000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	B.46	DEK 5/8 MC NE WS	1856740000	B.70				LT TB 6/3 CM	2726100000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	B.47	DEK 5/8 PLUS MC NE WS	1046350000	A.12				LT TB 6/3 CM	2726100000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	B.48	DEK 5/8 PLUS MC NE WS	1046350000	A.13	FKSC M5x8 D9/SW2.5	0295900000	C.12	LT TB 6/3 CM	2726100000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	B.49	DEK 5/8 PLUS MC NE WS	1046350000	A.14	FKSC M6x12 D9/SW3	0353500000	C.12	LT TB 6/3 CM	2726100000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	B.52	DEK 5/8 PLUS MC NE WS	1046350000	A.15	FKSC M6x8 D9/SW3	0642600000	C.12	LT TB 6/4	2710450000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	B.66	DEK 5/8 PLUS MC NE WS	1046350000	A.16	FM 4.2/TS35	1724580000	C.12	LT TB 6/4	2710450000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	B.68	DEK 5/8 PLUS MC NE WS	1046350000	A.17	FM 4.7/TS35	0687900000	C.12	LT TB 6/4	2710450000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	B.70	DEK 5/8 PLUS MC NE WS	1046350000	A.32	FM 5/TS35	0636800000	C.12	LT TB 6/4	2710450000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	B.72	DEK 5/8 PLUS MC NE WS	1046350000	A.33	FM 6/TS35	0636800000	C.12	LT TB 6/4 CM	2726110000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	B.73	DEK 5/8 PLUS MC NE WS	1046350000	A.34	FMC 5.2/1.0 BR	2968380000	A.161	LT TB 6/4 CM	2726110000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	B.74	DEK 5/8 PLUS MC NE WS	1046350000	A.35	FMC 5.2/1.0 BR	2968380000	C.14	LT TB 6/4 CM	2726110000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	B.75	DEK 5/8 PLUS MC NE WS	1046350000	A.36	FMC 5.2/1.0 SC	2920530000	A.161	LT TB 6/4 CM	2726110000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	B.76	DEK 5/8 PLUS MC NE WS	1046350000	A.37	FMC 5.2/1.0 SC	2920530000	C.14	LT TB 6/6	2710460000	B.90
DEK 5/5 PLUS MC NE WS	1854490000	B.77	DEK 5/8 PLUS MC NE WS	1046350000	A.62	FMC 5.2/1.5 BR	2999810000	A.161	LT TB 6/6	2710460000	B.92
DEK 5/5 PLUS MC NE WS	1854490000	B.78	DEK 5/8 PLUS MC NE WS	1046350000	A.63	FMC 5.2/1.5 BR	2999810000	C.14	LT TB 6/6	2710460000	B.96
DEK 5/5 PLUS MC NE WS	1854490000	B.79	DEK 5/8 PLUS MC NE WS	1046350000	A.64	FMC 5.2/1.5 SC	2999800000	A.161	LT TB 6/6	2710460000	B.98
DEK 5/5 PLUS MC NE WS	1854490000	B.80	DEK 5/8 PLUS MC NE WS	1046350000	A.65						
DEK 5/5 PLUS MC NE WS	1854490000	B.81	DEK 5/8 PLUS MC NE WS	1046350000	A.66						
DEK 5/5 PLUS MC NE WS	1854490000	B.112	DEK 5/8 PLUS MC NE WS	1046350000	A.67						
DEK 5/5 PLUS MC NE WS	1854490000	B.113	DEK 5/8 PLUS MC NE WS	1046350000	A.95						
DEK 5/5 PLUS MC NE WS	1854490000	B.114	DEK 5/8 PLUS MC NE WS	1046350000	A.96	G 20/0.25A/F	0430500000	A.40	MB M3/M5 CRM	0503500000	C.12
DEK 5/5 PLUS MC NE WS	1854490000	B.115	DEK 5/8 PLUS MC NE WS	1046350000	A.97	G 20/0.25A/F	0430500000	A.107	MB M5/M3 SW	0553400000	C.12
DEK 5/5 PLUS MC NE WS	1854490000	B.116	DEK 5/8 PLUS MC NE WS	1046350000	A.98	G 20/0.25A/F	0430500000	A.108	MB M6/M4 GR	0334900000	C.12
DEK 5/5 PLUS MC NE WS	1854490000	B.121	DEK 5/8 PLUS MC NE WS	1046350000	A.136	G 20/0.25A/F	0430500000	A.109	MCV APG 1.5	2485980000	A.138
DEK 5/6 MM WS	2007120000	A.10	DEK 5/8 PLUS MC NE WS	1046350000	B.36	G 20/0.25A/F	0430500000	A.110	MCV APG 1.5	2485980000	A.140
DEK 5/6 MM WS	2007120000	A.11	DEK 5/8 PLUS MC NE WS	1046350000	B.37	G 20/0.25A/F	0430500000	A.111	MCV APG 1.5	2485980000	A.142
DEK 5/6 MM WS	2007120000	A.30	DEK 5/8 PLUS MC NE WS	1046350000	B.38	G 20/0.25A/F	0430500000	B.50	MCV APG 2.5	2035590000	A.151
DEK 5/6 MM WS	2007120000	A.31	DEK 5/8 PLUS MC NE WS	1046350000	B.39	G 20/0.25A/F	0430500000	B.53	MCV APG 2.5	2035590000	A.138
DEK 5/6 MM WS	2007120000	A.40	DEK 5/8 PLUS MC NE WS	1046350000	B.40	G 20/0.50A/F	0430600000	A.40	MCV APG 2.5	2035590000	A.140
DEK 5/6 MM WS	2007120000	A.44	DEK 5/8 PLUS MC NE WS	1046350000	B.41	G 20/0.50A/F	0430600000	A.107	MCV APG 2.5	2035590000	A.142
DEK 5/6 MM WS	2007120000	A.60	DEK 5/8 PLUS MC NE WS	1046350000	B.42	G 20/0.50A/F	0430600000	A.108	MCV APG 4	2540800000	A.139
DEK 5/6 MM WS	2007120000	A.61	DEK 5/8 PLUS MC NE WS	1046350000	B.43	G 20/0.50A/F	0430600000	A.109	MCV APG 4	2540800000	A.142
DEK 5/6 MM WS	2007120000	A.70	DEK 5/8 PLUS MC NE WS	1046350000	B.44	G 20/0.50A/F	0430600000	A.110	MCV APG 6	2762380000	B.100
DEK 5/6 MM WS	2007120000	A.71	DEK 5/8 PLUS MC NE WS	1046350000	B.46	G 20/0.50A/F	0430600000	A.111	MCV SPG 2.5	3032900000	A.52
DEK 5/6 MM WS	2007120000	A.94	DEK 5/8 PLUS MC NE WS	1046350000	B.47	G 20/0.50A/F	0430600000	B.50	MEW 1/32	0445600000	C.15
DEK 5/6 MM WS	2007120000	A.95	DEK 5/8 PLUS MC NE WS	1046350000	B.48	G 20/0.50A/F	0430600000	B.53	MEW 35/1	1805610000	C.15
DEK 5/6 MM WS	2007120000	A.99	DEK 5/8 PLUS MC NE WS	1046350000	B.49	G 20/1.00A/F	04				

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PAP PRV/PPV4 SW	1173750000	B.63
PAP PRV/PPV8 BL	1268000000	B.61
PAP PRV/PPV8 BL	1268000000	B.63
PAP PRV/PPV8 BL	1211460000	B.61
PAP PRV/PPV8 GR	1211460000	B.63
PAP PRV/PPV8 SW	1173720000	B.61
PAP PRV/PPV8 SW	1173720000	B.63
PPV 4 BL 35X15 DGR	1267910000	B.63
PPV 4 BL 35X7.5 DGR	1267920000	B.63
PPV 4 GR 35X15 DGR	1173880000	B.63
PPV 4 GR 35X7.5 DGR	1173890000	B.63
PPV 4 OR 35X15 DGR	1301610000	B.63
PPV 4 OR 35X7.5 DGR	1301630000	B.63
PPV 8 BL 35X15 DGR	1267870000	B.63
PPV 8 BL 35X7.5 DGR	1267880000	B.63
PPV 8 GR 35X15 DGR	1173850000	B.63
PPV 8 GR 35X7.5 DGR	1173870000	B.63
PPV 8 OR 35X15 DGR	1301620000	B.63
PPV 8 OR 35X7.5 DGR	1301640000	B.63
PRV 16 BL 35X15 RT/WS	1267790000	B.62
PRV 16 BL 35X15 WS/RT	1267800000	B.62
PRV 16 BL 35X7.5 RT/WS	1267810000	B.62
PRV 16 BL 35X7.5 WS/RT	1267820000	B.62
PRV 16 SW 35X15 RT/WS	1173620000	B.62
PRV 16 SW 35X15 WS/RT	1173650000	B.62
PRV 16 SW 35X7.5 RT/WS	1173680000	B.62
PRV 16 SW 35X7.5 WS/RT	1173710000	B.62
PRV 4 BL 35X15 RT	1267890000	B.60
PRV 4 BL 35X15 WS	1173920000	B.60
PRV 4 BL 35X7.5 RT	1267900000	B.60
PRV 4 BL 35X7.5 WS	1173930000	B.60
PRV 4 SW 35X15 RT	1173810000	B.60
PRV 4 SW 35X15 WS	1173820000	B.60
PRV 4 SW 35X7.5 RT	1173830000	B.60
PRV 4 SW 35X7.5 WS	1173840000	B.60
PRV 8 BL 35X15 RT/WS	1267830000	B.61
PRV 8 BL 35X15 WS/RT	1173900000	B.61
PRV 8 BL 35X7.5 RT/WS	1267840000	B.61
PRV 8 BL 35X7.5 WS/RT	1173910000	B.61
PRV 8 SW 35X15 RT/WS	1173740000	B.61
PRV 8 SW 35X15 WS/RT	1173780000	B.61
PRV 8 SW 35X7.5 RT/WS	1173790000	B.61
PRV 8 SW 35X7.5 WS/RT	1173800000	B.61
PS 2.0 MC	0310000000	A.6
PS 2.0 MC	0310000000	A.7
PS 2.0 MC	0310000000	A.8
PS 2.0 MC	0310000000	A.9
PS 2.0 MC	0310000000	A.10
PS 2.0 MC	0310000000	A.11
PS 2.0 MC	0310000000	A.12
PS 2.0 MC	0310000000	A.13
PS 2.0 MC	0310000000	A.14
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PS 2.0 MC	0310000000	A.55
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PS 2.0 MC	0310000000	A.75
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PS 2.0 MC	0310000000	A.94
PS 2.0 MC	0310000000	A.95
PS 2.0 MC	0310000000	A.96
PS 2.0 MC	0310000000	A.97
PS 2.0 MC	0310000000	A.98
PS 2.0 MC	0310000000	A.99
PS 2.0 MC	0310000000	A.100
PS 2.0 MC	0310000000	A.101
PS 2.0 MC	0310000000	A.102
PS 2.0 MC	0310000000	A.103
PS 2.0 MC	0310000000	A.104
PS 2.0 MC	0310000000	A.105
PS 2.0 MC	0310000000	A.106
PS 2.0 MC	0310000000	A.107
PS 2.0 MC	0310000000	A.108
PS 2.0 MC	0310000000	A.109
PS 2.0 MC	0310000000	A.110
PS 2.0 MC	0310000000	A.111
PS 2.0 MC	0310000000	A.112
PS 2.0 MC	0310000000	A.113
PS 2.0 MC	0310000000	A.114
PS 2.0 MC	0310000000	A.115
PS 2.0 MC	0310000000	A.116
PS 2.0 MC	0310000000	A.117
PS 2.0 MC	0310000000	A.118
PS 2.0 MC	0310000000	A.119
PS 2.0 MC	0310000000	A.146
PS 2.0 MC	0310000000	A.147
PS 2.0 MC	0310000000	A.148
PS 2.0 MC	0310000000	A.149
PS 2.0 MC	0310000000	A.150
PS 2.0 MC	0310000000	A.160
PS 2.0 MC	0310000000	B.8
PS 2.0 MC	0310000000	B.9
PS 2.0 MC	0310000000	B.10
PS 2.0 MC	0310000000	B.11
PS 2.0 MC	0310000000	B.12
PS 2.0 MC	0310000000	B.16
PS 2.0 MC	0310000000	B.17
PS 2.0 MC	0310000000	B.18
PS 2.0 MC	0310000000	B.19
PS 2.0 MC	0310000000	B.20
PS 2.0 MC	0310000000	B.21
PS 2.0 MC	0310000000	B.24
PS 2.0 MC	0310000000	B.28
PS 2.0 MC	0310000000	B.30
PS 2.0 MC	0310000000	B.36
PS 2.0 MC	0310000000	B.37
PS 2.0 MC	0310000000	B.38
PS 2.0 MC	0310000000	B.39
PS 2.0 MC	0310000000	B.42
PS 2.0 MC	0310000000	B.43
PS 2.0 MC	0310000000	B.44
PS 2.0 MC	0310000000	B.48
PS 2.0 MC	0310000000	B.49
PS 2.0 MC	0310000000	B.50
PS 2.0 MC	0310000000	B.52
PS 2.0 MC	0310000000	B.56
PS 2.0 MC	0310000000	B.57
PS 2.0 MC	0310000000	B.66
PS 2.0 MC	0310000000	B.67
PS 2.0 MC	0310000000	B.68
PS 2.0 MC	0310000000	B.69
PS 2.0 MC	0310000000	B.70
PS 2.0 MC	0310000000	B.71
PS 2.0 MC	0310000000	B.72
PS 2.0 MC	0310000000	B.73
PS 2.0 MC	0310000000	B.74
PS 2.0 MC	0310000000	B.75
PS 2.0 MC	0310000000	B.76
PS 2.0 MC	0310000000	B.77
PS 2.0 MC	0310000000	B.87
PS 2.0 MC	0310000000	B.112
PS 2.0 MC	0310000000	B.113
PS 2.0 MC	0310000000	B.114
PS 2.0 MC	0310000000	B.115
PS 2.0 MC	0310000000	B.116
PS 2.0 MC	0310000000	B.117
PS 2.0 MC	0310000000	B.118
PS 2.0 MC	0310000000	B.119
PS 2.0 MC	0310000000	B.120

Type	Order No.	Page
PS 2.0 MC	0310000000	B.121
PS 2.3 RT	0180400000	A.109
R		
RAILASSEMBLER	2738690000	A.155
RAILASSEMBLER + RAILCUTTER	2994740000	A.157
RAILASSEMBLER + RAILCUTTER US VERSION	2994750000	A.157
RAILCUTTER RETROFIT	2994760000	A.157
RAILCUTTER STANDALONE US VERSION	2994780000	A.157
RAILLASER	2705010000	A.158
S		
S2C 1.5	2986540000	A.6
S2C 1.5 BL	2986550000	A.6
S2C 1.5 OR	2986560000	A.6
S2C 1.5 PE	2986570000	A.26
S2C 2.5	2674530000	A.8
S2C 2.5	2674530000	A.54
S2C 2.5 BK	3109160000	A.54
S2C 2.5 BL	2753940000	A.8
S2C 2.5 BL	2753940000	A.54
S2C 2.5 BR	3109170000	A.54
S2C 2.5 GN	3109180000	A.54
S2C 2.5 GY	3112230000	A.54
S2C 2.5 OR	2875120000	A.8
S2C 2.5 OR	2875120000	A.54
S2C 2.5 PE	2674560000	A.28
S2C 2.5 RD	3109200000	A.54
S2C 2.5 VT	3109210000	A.54
S2C 2.5 WT	3109220000	A.54
S2C 2.5 YL	3109230000	A.54
S2C 4	2874820000	A.10
S2C 4	2874820000	A.54
S2C 4 BK	3109400000	A.54
S2C 4 BL	2874830000	A.10
S2C 4 BL	2874830000	A.54
S2C 4 BR	3109410000	A.54
S2C 4 GN	3109420000	A.54
S2C 4 GY	3112260000	A.54
S2C 4 OR	3023540000	A.10
S2C 4 OR	3023540000	A.54
S2C 4 PE	2874880000	A.30
S2C 4 RD	3109440000	A.54
S2C 4 VT	3109450000	A.54
S2C 4 WT	3109460000	A.54
S2C 4 YL	3109470000	A.54
S2C 6	2835540000	A.12
S2C 6 BL	2935550000	A.12
S2C 6 OR	2935560000	A.12
S2C 6 PE	2935570000	A.32
S2T 2.5	2902380000	A.18
S2T 2.5 6C	3093170000	A.20
S2T 2.5 6C BL	3093200000	A.20
S2T 2.5 6C FT-PE	3093240000	A.21
S2T 2.5 6C PE	3093250000	A.38
S2T 2.5 6C VL	3093210000	A.20
S2T 2.5 6C VL BL	3093230000	A.20
S2T 2.5 8C	3093100000	A.22
S2T 2.5 8C BL	3093110000	A.22
S2T 2.5 8C FT-PE	3093150000	A.23
S2T 2.5 8C PE	3093160000	A.39
S2T 2.5 8C VL	3093120000	A.22
S2T 2.5 8C VL BL	3093130000	A.22
S2T 2.5 BL	2902390000	A.18
S2T 2.5 FT-PE	2902410000	A.19
S2T 2.5 OR	2902400000	A.18
S2T 2.5 PE	2902460000	A.38
S2T 2.5 VL	2902430000	A.18
S2T 2.5 VL BL	2902440000	A.18
S2T 2.5 VL OR	2902450000	A.18
S3C 1.5	2986580000	A.6
S3C 1.5 BL	2986590000	A.6
S3C 1.5 OR	2986600000	A.6
S3C 1.5 PE	2986610000	A.26
S3C 2.5	2674540000	A.8
S3C 2.5	2674540000	A.54
S3C 2.5 BK	3109240000	A.54
S3C 2.5 BL	2753950000	A.8
S3C 2.5 BL	2753950000	A.54
S3C 2.5 BR	3109250000	A.54
S3C 2.5 GN	3109260000	A.54
S3C 2.5 GY	3112240000	A.54
S3C 2.5 OR	2875130000	A.8
S3C 2.5 OR	2875130000	A.54
S3C 2.5 PE	2674570000	A.28
S3C 2.5 RD	3109280000	A.54
S3C 2.5 VT	3109290000	A.54
S3C 2.5 WT	3109300000	A.54
S3C 2.5 YL	3109310000	A.54
S3C 4	2874840000	A.10
S3C 4	2874840000	A.54
S3C 4 BK	3109480000	A.54
S3C 4 BL	2874850000	A.10

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
SDIL 0.6X3,5X100	2749140000	A.44	SDIL 1,0X5,5X125	2749160000	A.35	SDT 2.5 4C	3016700000	A.43	SIHA 3/G20/LD 35-70V	7921580000	A.121
SDIL 0.6X3,5X100	2749140000	A.45	SDIL 1,0X5,5X125	2749160000	A.36	SDT 2.5 4C BL	2974170000	A.43	SIHA 3/G20/LD 60-150V	7921590000	A.120
SDIL 0.6X3,5X100	2749140000	A.46	SDIL 1,0X5,5X125	2749160000	A.37	SDT 2.5 4C OR	2974160000	A.43	SIHA 3/G20/LD 60-150V	7921590000	A.121
SDIL 0.6X3,5X100	2749140000	A.47	SDIL 1,0X5,5X125	2749160000	A.62	SDT 2.5 4C W/O DTLV	3016740000	A.43	SL TTB 6	2710220000	B.90
SDIL 0.6X3,5X100	2749140000	A.48	SDIL 1,0X5,5X125	2749160000	A.63	SDT 2.5 4C W/O DTLV BL	2983740000	A.43	SL TTB 6	2710220000	B.91
SDIL 0.6X3,5X100	2749140000	A.49	SDIL 1,0X5,5X125	2749160000	A.64	SDT 2.5 4C W/O DTLV OR	2983730000	A.43	SL TTB 6	2710220000	B.92
SDIL 0.6X3,5X100	2749140000	A.50	SDIL 1,0X5,5X125	2749160000	A.65	SDT 4 2C	2941420000	A.44	SL TTB 6	2710220000	B.93
SDIL 0.6X3,5X100	2749140000	A.59	SDIL 1,0X5,5X125	2749160000	A.66	SDT 4 2C BL	2941430000	A.44	SL TTB 6	2710220000	B.96
SDIL 0.6X3,5X100	2749140000	A.60	SDIL 1,0X5,5X125	2749160000	A.67	SDT 4 2C OR	2941440000	A.44	SL TTB 6	2710220000	B.97
SDIL 0.6X3,5X100	2749140000	A.61	SDIL 1,0X5,5X125	2749160000	A.95	SDT 4 2C W/O DTLV	2941450000	A.44	SL TTB 6	2710220000	B.99
SDIL 0.6X3,5X100	2749140000	A.68	SDIL 1,0X5,5X125	2749160000	A.96	SDT 4 2C W/O DTLV BL	2941460000	A.44	SL2C 10	3037500000	A.16
SDIL 0.6X3,5X100	2749140000	A.69	SDIL 1,0X5,5X125	2749160000	A.97	SDT 4 2C W/O DTLV OR	2941470000	A.44	SL2C 10 BL	3037510000	A.16
SDIL 0.6X3,5X100	2749140000	A.70	SDIL 1,0X5,5X125	2749160000	A.98	SEP 2C 2.5	2751080000	A.8	SL2C 10 PE	3037520000	A.16
SDIL 0.6X3,5X100	2749140000	A.71	SDIL 1,0X5,5X125	2749160000	B.36	SEP 2C 2.5	2751080000	A.28	SL2C 16	3037560000	A.17
SDIL 0.6X3,5X100	2749140000	A.78	SDIL 1,0X5,5X125	2749160000	B.37	SEP 2C 2.5	2751080000	A.45	SL2C 16 BL	3037570000	A.17
SDIL 0.6X3,5X100	2749140000	A.79	SDIL 1,0X5,5X125	2749160000	B.38	SEP 2C 4	2874790000	A.10	SL2C 16 PE	3037580000	A.17
SDIL 0.6X3,5X100	2749140000	A.80	SDIL 1,0X5,5X125	2749160000	B.39	SEP 2C 4	2874790000	A.30	SL2C 6	3037380000	A.14
SDIL 0.6X3,5X100	2749140000	A.81	SDIL 1,0X5,5X125	2749160000	B.42	SEP 2C 6	2935660000	A.12	SL2C 6 BL	3037390000	A.14
SDIL 0.6X3,5X100	2749140000	A.82	SDIL 1,0X5,5X125	2749160000	B.43	SEP 2C 6	2935660000	A.32	SL2C 6 PE	3037400000	A.34
SDIL 0.6X3,5X100	2749140000	A.83	SDIL 1,0X5,5X125	2749160000	B.44	SEP 2T 2.5	2913480000	A.18	SL3C 10	3037530000	A.16
SDIL 0.6X3,5X100	2749140000	A.84	SDIL 1,0X5,5X125	2749160000	B.52	SEP 2T 2.5	2913480000	A.19	SL3C 10 BL	3037540000	A.16
SDIL 0.6X3,5X100	2749140000	A.85	SDIL 1,0X5,5X125	2749160000	B.66	SEP 2T 2.5	2913480000	A.38	SL3C 10 PE	3037550000	A.36
SDIL 0.6X3,5X100	2749140000	A.88	SDIL 1,0X5,5X125	2749160000	B.67	SEP 2T 2.5	2913480000	A.47	SL3C 6	3037410000	A.14
SDIL 0.6X3,5X100	2749140000	A.89	SDIL 1,0X5,5X125	2749160000	B.68	SEP 2T 2.5	2913480000	A.48	SL3C 6 BL	3037420000	A.14
SDIL 0.6X3,5X100	2749140000	A.90	SDIL 1,0X5,5X125	2749160000	B.69	SEP 2T 2.5	2913480000	A.49	SL3C 6 PE	3037430000	A.34
SDIL 0.6X3,5X100	2749140000	A.93	SDIL 1,0X5,5X125	2749160000	B.70	SEP 2T 2.5 6C	3093280000	A.20	SL4C 6	3037440000	A.15
SDIL 0.6X3,5X100	2749140000	A.94	SDIL 1,0X5,5X125	2749160000	B.71	SEP 2T 2.5 6C	3093280000	A.21	SL4C 6 BL	3037450000	A.15
SDIL 0.6X3,5X100	2749140000	A.95	SDIL 1,0X5,5X125	2749160000	B.113	SEP 2T 2.5 6C	3093280000	A.38	SL4C 6 PE	3037460000	A.35
SDIL 0.6X3,5X100	2749140000	A.98	SDIL 1,0X5,5X125	2749160000	B.117	SEP 2T 2.5 8C	3093260000	A.22	SLEP 2C 10	3037650000	A.16
SDIL 0.6X3,5X100	2749140000	A.99	SDIS 0.4X2.0X60	2749780000	A.102	SEP 2T 2.5 8C	3093260000	A.23	SLEP 2C 10	3037650000	A.17
SDIL 0.6X3,5X100	2749140000	A.100	SDIS 0.4X2.0X60	2749780000	B.37	SEP 2T 2.5 8C	3093260000	A.39	SLEP 2C 6	3037590000	A.14
SDIL 0.6X3,5X100	2749140000	A.103	SDIS 0.4X2.0X60	2749780000	B.39	SEP 2T 2.5 BL	2913490000	A.18	SLEP 2C 6	3037590000	A.15
SDIL 0.6X3,5X100	2749140000	A.104	SDIS 0.6X3.5X100	2749810000	B.28	SEP 2T 2.5 BL	2913490000	A.19	SLEP 2C 6	3037590000	A.36
SDIL 0.6X3,5X100	2749140000	A.105	SDIS 0.6X3.5X100	2749810000	B.121	SEP 2T 2.5 BL	2913490000	A.47	SLEP 2C 6	3037590000	A.37
SDIL 0.6X3,5X100	2749140000	A.106	SDIS 1.0X5.5X125	2749850000	B.28	SEP 2T 2.5 BL	2913490000	A.48	SNAPMARK 1.5	2682080000	A.76
SDIL 0.6X3,5X100	2749140000	A.107	SDIS 1.0X5.5X125	2749850000	B.121	SEP 3C 2.5	2751090000	A.8	SNAPMARK 1.5	2682080000	A.77
SDIL 0.6X3,5X100	2749140000	A.108	SDIS SLIM 0.6X3.5X100	2749610000	B.60	SEP 3C 2.5	2751090000	A.28	SNAPMARK 1.5	2682080000	A.86
SDIL 0.6X3,5X100	2749140000	A.109	SDIS SLIM 0.6X3.5X100	2749610000	B.61	SEP 3C 2.5	2751090000	A.41	SNAPMARK 1.5	2682080000	A.87
SDIL 0.6X3,5X100	2749140000	A.110	SDIS SLIM 0.6X3.5X100	2749610000	B.62	SEP 3C 2.5	2751090000	A.46	SNAPMARK 1.5	2682080000	A.102
SDIL 0.6X3,5X100	2749140000	A.111	SDIS SLIM 0.6X3.5X100	2749610000	B.63	SEP 3C 4	2874800000	A.10	SNAPMARK 1.5	2682080000	A.103
SDIL 0.6X3,5X100	2749140000	A.113	SDS 0.4X2.0X60	2749260000	A.6	SEP 3C 4	2874800000	A.30	SNAPMARK 1.5	2682080000	A.105
SDIL 0.6X3,5X100	2749140000	A.114	SDS 0.4X2.0X60	2749260000	A.7	SEP 3C 4	2874800000	A.40	SNAPMARK 1.5	2682080000	A.125
SDIL 0.6X3,5X100	2749140000	A.115	SDS 0.4X2.0X60	2749260000	A.26	SEP 3C 4	2874800000	A.44	SNAPMARK 1.5	2682080000	A.126
SDIL 0.6X3,5X100	2749140000	A.116	SDS 0.4X2.0X60	2749260000	A.27	SEP 3C 6	2935670000	A.12	SNAPMARK 1.5	2682080000	A.175
SDIL 0.6X3,5X100	2749140000	A.117	SDS 0.4X2.0X60	2749260000	A.58	SEP 3C 6	2935670000	A.32	SNAPMARK I	1805880000	A.18
SDIL 0.6X3,5X100	2749140000	A.118	SDS 0.4X2.0X60	2749260000	A.59	SEP 3T 2.5	2902630000	A.24	SNAPMARK I	1805880000	A.19
SDIL 0.6X3,5X100	2749140000	A.119	SDS 0.4X2.0X60	2749260000	A.76	SEP 3T 2.5	2902630000	A.25	SNAPMARK I	1805880000	A.24
SDIL 0.6X3,5X100	2749140000	A.120	SDS 0.4X2.0X60	2749260000	A.77	SEP 3T 2.5	2902630000	A.39	SNAPMARK I	1805880000	A.25
SDIL 0.6X3,5X100	2749140000	A.121	SDS 0.4X2.0X60	2749260000	A.86	SEP 3T 2.5 BL	2902640000	A.24	SNAPMARK I	1805880000	A.38
SDIL 0.6X3,5X100	2749140000	A.127	SDS 0.4X2.0X60	2749260000	A.87	SEP 3T 2.5 BL	2902640000	A.25	SNAPMARK I	1805880000	A.39
SDIL 0.6X3,5X100	2749140000	A.128	SDS 0.4X2.0X60	2749260000	A.92	SEP 3T 2.5 BL	2902640000	A.39	SNAPMARK I	1805880000	A.47
SDIL 0.6X3,5X100	2749140000	A.129	SDS 0.4X2.0X60	2749260000	A.93	SEP 4C 2.5	2751100000	A.9	SNAPMARK I	1805880000	A.48
SDIL 0.6X3,5X100	2749140000	A.130	SDS 0.4X2.0X60	2749260000	A.105	SEP 4C 2.5	2751100000	A.29	SNAPMARK I	1805880000	A.49
SDIL 0.6X3,5X100	2749140000	A.131	SDS 0.4X2.0X60	2749260000	A.112	SEP 4C 2.5	2751100000	A.42	SNAPMARK I	1805880000	A.50
SDIL 0.6X3,5X100	2749140000	A.132	SDS 0.4X2.0X60	2749260000	A.113	SEP 4C 4	2874810000	A.11	SNAPMARK I	1805880000	A.82
SDIL 0.6X3,5X100	2749140000	A.133	SDS 0.4X2.0X60	2749260000	A.122	SEP 4C 4	2874810000	A.31	SNAPMARK I	1805880000	A.83
SDIL 0.6X3,5X100	2749140000	A.134	SDS 0.4X2.0X60	2749260000	A.123	SEP 4C 6	2935680000	A.13	SNAPMARK I	1805880000	A.88
SDIL 0.6X3,5X100	2749140000	A.135	SDS 0.4X2.0X60	2749260000	A.124	SEP 4C 6	2935680000	A.33	SNAPMARK I	1805880000	A.89
SDIL 0.6X3,5X100	2749140000	A.136	SDS 0.4X2.0X60	2749260000	A.125	SEP 4C 6	2935680000	A.34	SNAPMARK I	1805880000	A.90
SDIL 0.6X3,5X100	2749140000	A.146	SDS 0.4X2.0X60	2749260000	A.126	SEP 4C 6	2935680000	A.35	SNAPMARK I	1805880000	A.104
SDIL 0.6X3,5X100	2749140000	A.147	SDS 0.4X2.0X60	2749260000	B.56	SEP DT 2.5 4C	2929670000	A.43	SNAPMARK I	1805880000	A.105
SDIL 0.6X3,5X100	2749140000	A.148	SDS 0.4X2.0X60	2749260000	B.57	SEP PGTB 2.5 4C	3051580000	A.47	SNAPMARK I	1805880000	A.130
SDIL 0.6X3,5X100	2749140000	A.149	SDS 0.4X2.0X60	2749260000	B.87	SEP PGTB 2.5 4C BL	3051590000	A.47	SNAPMARK I	1805880000	A.131
SDIL 0.6X3,5X100	2749140000	A.150	SDS 1.0X5.5X150	2749380000	A.72	SEP PGTB 2T 2.5 6C	3096200000	A.49	SNAPMARK I	1805880000	A.134
SDIL 0.6X3,5X100	2749140000	A.160	SDS 1.0X5.5X150	2749380000	A.73	SEP PGTB 2T 2.5 6C	3096200000	A.50	SNAPMARK I	1805880000	A.135
SDIL 0.6X3,5X100	2749140000	B.30	SDS 1.0X5.5X150	2749380000	A.74	SET AAP11 6/1.5/12C	2506090000	B.40	SNAPMARK I	1805880000	A.146
SDIL 0.6X3,5X100	2749140000	B.43	SDS 1.0X5.5X150	2749380000	A.75	SET AAP11 6/1.5/24C	2506370000	B.40	SNAPMARK I	1805880000	A.147
SDIL 0.6X3,5X100	2749140000	B.45	SDS 1.0X5.5X150	2749380000	A.101	SET AAP12 10/2.5/10C	2506350000	B.46	SNAPMARK I	1805880000	A.148
SDIL 0.6X3,5X100	2749140000	B.48	SDS 1.0X5.5X150	2749380000	A.102	SET AAP13 6/1.5/12C	2506340000	B.41	SNAPMARK I	1805880000	A.149
SDIL 0.6X3,5X100	2749140000	B.49	SDS 1.0X5.5X150	2749380000	B.8	SET AAP13 6/1.5/24C	2506380000	B.41	SNAPMARK I	1805880000	A.150
SDIL 0.6X3,5X100	2749140000	B.50	SDS 1.0X5.5X150	2749380000	B.9	SET AAP14 10/2.5/10C	2506360000	B.47	SNAPMARK I	1805880000	A.175
SDIL 0.6X3,5X100	2749140000	B.53	SDS 1.0X5.5X150	2749380000	B.10	SFS 4 2C 10-36V BK	2941490000	A.40	SNAPMARK I	1805880000	B.30
SDIL 0.6X3,5X100	2749140000	B.66	SDS 1.0X5.5X150	2749380000	B.11	SFS 4 2C 100-250V BK	2941520000	A.40	SD SH1	0401460000	C.4
SDIL 0.6X3,5X100	2749140000	B.68	SDS 1.0X5.5X150	2749380000	B.12	SFS 4 2C 30-70V BK	2941500000	A.40	SPG 2.5 L	3030160000	A.45
SDIL 0.6X3,5X100	2749140000	B.70	SDS 1.0X5.5X150	2749380000	B.16	SFS 4 2C 60-150V BK	2941510000	A.40	SPG 2.5 L	3030160000	A.46
SDIL 0.6X3,5X100	2749140000	B.72	SDS 1.0X5.5X150	2749380000	B.17	SFS 4 2C BK	2941480000	A.40	SPG 2.5 L	303016000	

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
SPG 2.5 R GN	3030210000	A.52	TS 35X15/2.3 2M/ST/ZN	0498000000	C.11	WEW 35/1 SW	1162600000	B.62	WS 10/6 M PLUS MC NE WS	2003780000	A.11
SPG 2.5/1	3030250000	A.45	TS 35X15/5X18 2M/ST/SZ	1879100000	C.11	WEW 35/1 SW	1162600000	C.5	WS 10/6 M PLUS MC NE WS	2003780000	A.30
SPG 2.5/1	3030250000	A.46	TS 35X15/5X18 2M/ST/ZN	1837800000	C.11	WEW 35/1 SW	1162600000	C.15	WS 10/6 M PLUS MC NE WS	2003780000	A.31
SPG 2.5/1	3030250000	A.47	TS 35X15/6X18 2M/ST/ZN	1805980000	C.11	WEW 35/2	1061200000	C.5	WS 10/6 M PLUS MC NE WS	2003780000	A.40
SPG 2.5/1	3030250000	A.48	TS 35X15/6X25 2M/ST/ZN	1866290000	C.11	WEW 35/2	1061200000	C.15	WS 10/6 M PLUS MC NE WS	2003780000	A.44
SPG 2.5/1	3030250000	A.49	TS 35X15/LL 1M/ST/ZN	0236510000	C.11	WEW 35/2 GR	1859200000	C.5	WS 10/6 M PLUS MC NE WS	2003780000	A.60
SPG 2.5/1	3030250000	A.50	TS 35X15/LL 2M/ST/SZ	7907490000	C.11	WEW 35/2 GR	1859200000	C.15	WS 10/6 M PLUS MC NE WS	2003780000	A.61
SPG 2.5/1	3030250000	A.51	TS 35X15/LL 2M/ST/ZN	0236500000	B.99	WEW 35/2 RM	3112290000	C.17	WS 10/6 M PLUS MC NE WS	2003780000	A.70
SPG 2.5/10	3030100000	A.45	TS 35X15/LL 2M/ST/ZN	0236500000	C.11	WEW 35/2 SW	1061200000	C.5	WS 10/6 M PLUS MC NE WS	2003780000	A.71
SPG 2.5/10	3030100000	A.46	TS 35X15/LL 2M/ST/ZN/0	1071680000	C.11	WEW 35/2 SW	1061200000	C.15	WS 10/6 M PLUS MC NE WS	2003780000	A.94
SPG 2.5/10	3030100000	A.47	TS 35X7.5 1M/ST/ZN	0383410000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.26	WS 10/6 M PLUS MC NE WS	2003780000	A.95
SPG 2.5/10	3030100000	A.48	TS 35X7.5 2M/AL/BK	0330800000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.27	WS 10/6 M PLUS MC NE WS	2003780000	A.99
SPG 2.5/10	3030100000	A.49	TS 35X7.5 2M/CRN	1747350000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.76	WS 10/6 M PLUS MC NE WS	2003780000	A.100
SPG 2.5/10	3030100000	A.50	TS 35X7.5 2M/CRN 316L	2716000000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.77	WS 10/6 M PLUS MC NE WS	2003780000	A.104
SPG 2.5/10	3030100000	A.51	TS 35X7.5 2M/ST/ZN	0383400000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.86	WS 10/6 M PLUS MC NE WS	2003780000	A.107
SPG 2.5/2	3030170000	A.51	TS 35X7.5/1.0 2M/CU/BK	2713800000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.87	WS 10/6 M PLUS MC NE WS	2003780000	A.108
SPG 2.5/3	3030200000	A.51	TS 35X7.5/5X18 2M/ST/SZ	1879090000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.92	WS 10/6 M PLUS MC NE WS	2003780000	A.109
SPG 2.5/3-BG-BL-GN	3030270000	A.51	TS 35X7.5/LL 1M/ST/ZN	0514510000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.93	WS 10/6 M PLUS MC NE WS	2003780000	A.110
SPG 2.5/4	3030150000	A.51	TS 35X7.5/LL 2M/ST/SZ	7915060000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.102	WS 10/6 M PLUS MC NE WS	2003780000	A.111
SPG 2.5/4-3BG-GN	3030230000	A.51	TS 35X7.5/LL 2M/ST/ZN	0514500000	B.12	WS 10/3.5 PLUS MC NE WS	2003760000	A.105	WS 10/6 M PLUS MC NE WS	2003780000	A.116
SPG 2.5/5	3030130000	A.51	TS 35X7.5/LL 2M/ST/ZN	0514500000	B.90	WS 10/3.5 PLUS MC NE WS	2003760000	A.122	WS 10/6 M PLUS MC NE WS	2003780000	A.118
SPG 2.5/5-3BG-BL-GN	3030280000	A.51	TS 35X7.5/LL 2M/ST/ZN	0514500000	B.92	WS 10/3.5 PLUS MC NE WS	2003760000	A.123	WS 10/6 M PLUS MC NE WS	2003780000	A.119
SPG 2.5/6	3030140000	A.51	TS 35X7.5/LL 2M/ST/ZN	0514500000	B.96	WS 10/3.5 PLUS MC NE WS	2003760000	A.124	WS 10/6 M PLUS MC NE WS	2003780000	A.121
SPG 2.5/7	3030110000	A.51	TS 35X7.5/LL 2M/ST/ZN	0514500000	B.99	WS 10/3.5 PLUS MC NE WS	2003760000	A.125	WS 10/6 M PLUS MC NE WS	2003780000	A.122
SPG 2.5/8	3030120000	A.51	TS 35X7.5/LL 2M/ST/ZN	0514500000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.126	WS 10/6 M PLUS MC NE WS	2003780000	A.132
SPG 2.5/9	3030180000	A.51	TS 35X7.5/LL 6/2M/ST/ZN	0514570000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.138	WS 10/6 M PLUS MC NE WS	2003780000	A.134
SPGTB 2.5 2T 4C/2	3051860000	A.47	TS 35X7.5/LL 6X18 2M/0	1071690000	C.10	WS 10/3.5 PLUS MC NE WS	2003760000	A.140	WS 10/6 M PLUS MC NE WS	2003780000	A.135
SPGTB 2.5 2T 4C/2 BL	3051870000	A.47	TS END CAP 35X15	1283480000	B.24	WS 10/3.5 PLUS MC NE WS	2003760000	B.37	WS 10/6 M PLUS MC NE WS	2003780000	B.49
SPGTB 2.5 2T 4C/2 OR	3051880000	A.47	TS END CAP 35X15	1283480000	C.11	WS 10/3.5 PLUS MC NE WS	2003760000	B.87	WS 10/6 M PLUS MC NE WS	2003780000	B.50
SPGTB 2.5 2T 6C/2	3096130000	A.49	TS END CAP 35X7.5	1283470000	B.12	WS 10/5 M MC NE WS	1792000000	A.51	WS 10/6 M PLUS MC NE WS	2003780000	B.53
SPGTB 2.5 2T 6C/2 BL	3096150000	A.49	TS END CAP 35X7.5	1283470000	C.11	WS 10/5 M MC NE WS	1792000000	A.138	WS 10/6 M PLUS MC NE WS	2003780000	B.113
SPGTB 2.5 2T FT-PE 4C/2	3051910000	A.48	TS TT8 B BK	2710520000	B.91	WS 10/5 M PLUS MC NE WS	1792000000	A.140	WS 10/6 M PLUS MC NE WS	2003780000	B.115
SPGTB 2.5 2T FT-PE 6C/2	3096180000	A.50	TS TT8 B BK	2710520000	B.93	WS 10/5 M PLUS MC NE WS	2003770000	A.8	WS 10/6 M PLUS MC NE WS	2003780000	B.116
SPGTB 2.5 2T PE 4C/2	3051920000	A.49	TS TT8 B BL	2710480000	B.91	WS 10/5 M PLUS MC NE WS	2003770000	A.9	WS 10/6 M PLUS MC NE WS	1905950000	A.12
SPGTB 2.5 2T PE 6C/2	3096190000	A.50	TS TT8 B BL	2710480000	B.93	WS 10/5 M PLUS MC NE WS	2003770000	A.18	WS 10/6 M PLUS MC NE WS	1905950000	A.13
SPGTB 2.5 2T VL 4C/2	3051890000	A.48	TS TT8 B BL	2710480000	B.98	WS 10/5 M PLUS MC NE WS	2003770000	A.19	WS 10/6 M PLUS MC NE WS	1905950000	A.14
SPGTB 2.5 2T VL 4C/2 BL	3051900000	A.48	TS TT8 B GN	2710490000	B.91	WS 10/5 M PLUS MC NE WS	2003770000	A.20	WS 10/6 M PLUS MC NE WS	1905950000	A.15
SPGTB 2.5 2T VL 6C/2	3096160000	A.49	TS TT8 B GN	2710490000	B.93	WS 10/5 M PLUS MC NE WS	2003770000	A.21	WS 10/6 M PLUS MC NE WS	1905950000	A.16
SPGTB 2.5 2T VL 6C/2 BL	3096170000	A.49	TS TT8 B GN	2710490000	B.98	WS 10/5 M PLUS MC NE WS	2003770000	A.22	WS 10/6 M PLUS MC NE WS	1905950000	A.17
SPGTB 2.5 FT 2C/1	3051460000	A.45	TS TT8 B OR	2710470000	B.90	WS 10/5 M PLUS MC NE WS	2003770000	A.23	WS 10/6 M PLUS MC NE WS	1905950000	A.32
SPGTB 2.5 FT 2C/1 BL	3051470000	A.45	TS TT8 B OR	2710470000	B.91	WS 10/5 M PLUS MC NE WS	2003770000	A.24	WS 10/6 M PLUS MC NE WS	1905950000	A.33
SPGTB 2.5 FT 2C/1 OR	3051480000	A.45	TS TT8 B OR	2710470000	B.92	WS 10/5 M PLUS MC NE WS	2003770000	A.25	WS 10/6 M PLUS MC NE WS	1905950000	A.34
SPGTB 2.5 FT 3C/1	3051490000	A.46	TS TT8 B OR	2710470000	B.93	WS 10/5 M PLUS MC NE WS	2003770000	A.28	WS 10/6 M PLUS MC NE WS	1905950000	A.35
SPGTB 2.5 FT 3C/1 BL	3051500000	A.46	TS TT8 B OR	2710470000	B.96	WS 10/5 M PLUS MC NE WS	2003770000	A.29	WS 10/6 M PLUS MC NE WS	1905950000	A.36
SPGTB 2.5 FT 3C/1 OR	3051510000	A.47	TS TT8 B OR	2710470000	B.97	WS 10/5 M PLUS MC NE WS	2003770000	A.30	WS 10/6 M PLUS MC NE WS	1905950000	A.37
SPGTB 2.5 FT 4C/2	3051520000	A.47	TS TT8 B OR	2710470000	B.98	WS 10/5 M PLUS MC NE WS	2003770000	A.38	WS 10/6 M PLUS MC NE WS	1905950000	A.62
SPGTB 2.5 FT 4C/2 BL	3051530000	A.47	TS TT8 B VT	2710530000	B.91	WS 10/5 M PLUS MC NE WS	2003770000	A.39	WS 10/6 M PLUS MC NE WS	1905950000	A.63
SPGTB 2.5 FT 4C/2 OR	3051540000	A.47	TS TT8 B VT	2710530000	B.93	WS 10/5 M PLUS MC NE WS	2003770000	A.41	WS 10/6 M PLUS MC NE WS	1905950000	A.64
SPGTB 2.5 PE 2C/1	3051550000	A.45	TS TT8 B VT	2710530000	B.98	WS 10/5 M PLUS MC NE WS	2003770000	A.42	WS 10/6 M PLUS MC NE WS	1905950000	A.65
SPGTB 2.5 PE 3C/1	3051560000	A.46	TS TT8 B YL	2710500000	B.91	WS 10/5 M PLUS MC NE WS	2003770000	A.43	WS 10/6 M PLUS MC NE WS	1905950000	A.66
SPGTB 2.5 PE 4C/2	3051570000	A.47	TS TT8 B YL	2710500000	B.93	WS 10/5 M PLUS MC NE WS	2003770000	A.45	WS 10/6 M PLUS MC NE WS	1905950000	A.67
SRC-1 OV P	8870840000	B.60	TS TT8 B YL	2710500000	B.98	WS 10/5 M PLUS MC NE WS	2003770000	A.47	WS 10/6 M PLUS MC NE WS	1905950000	A.95
SRC-1 OV P	8870840000	B.61	TSK 35X15 2M PVC/GR	0514300000	C.11	WS 10/5 M PLUS MC NE WS	2003770000	A.48	WS 10/6 M PLUS MC NE WS	1905950000	A.96
SRC-1 OV P	8870840000	B.62	TST 2/M5	1286600000	C.12	WS 10/5 M PLUS MC NE WS	2003770000	A.49	WS 10/6 M PLUS MC NE WS	1905950000	A.97
SRC-1 OV P	8870840000	B.63	TST 2/M6	0101700000	C.12	WS 10/5 M PLUS MC NE WS	2003770000	A.50	WS 10/6 M PLUS MC NE WS	1905950000	A.98
SSCH 10X3X1000 CU/SN	0348900000	B.66	TSTW 5/M5	0178100000	C.12	WS 10/5 M PLUS MC NE WS	2003770000	A.59	WS 10/6 M PLUS MC NE WS	1905950000	A.136
SSCH 10X3X1000 CU/SN	0348900000	B.67	TSTW 5/M5 ZN	1779100000	C.12	WS 10/5 M PLUS MC NE WS	2003770000	A.60	WS 10/6 M PLUS MC NE WS	1905950000	A.36
SSCH 10X3X1000 CU/SN	0348900000	B.68	TSTW 6/M6	0164000000	C.12	WS 10/5 M PLUS MC NE WS	2003770000	A.68	WS 10/6 M PLUS MC NE WS	1905950000	B.37
SSCH 10X3X1000 CU/SN	0348900000	B.69	TSTW D 4.3	1610110000	C.12	WS 10/5 M PLUS MC NE WS	2003770000	A.69	WS 10/6 M PLUS MC NE WS	1905950000	B.38
SSCH 10X3X1000 CU/SN	0348900000	B.70	TW PRV16	1173630000	B.62	WS 10/5 M PLUS MC NE WS	2003770000	A.78	WS 10/6 M PLUS MC NE WS	1905950000	B.39
SSCH 10X3X1000 CU/SN	0348900000	B.71	TW PRV16 0-15	1230130000	B.62	WS 10/5 M PLUS MC NE WS	2003770000	A.79	WS 10/6 M PLUS MC NE WS	1905950000	B.42
SSCH 10X3X1000 CU/SN	0348900000	B.72	TW PRV16 1-16	1230120000	B.62	WS 10/5 M PLUS MC NE WS	2003770000	A.80	WS 10/6 M PLUS MC NE WS	1905950000	B.43
SSCH 10X3X1000 CU/SN	0348900000	B.73	TW PRV16 A-P	1230140000	B.62	WS 10/5 M PLUS MC NE WS	2003770000	A.81	WS 10/6 M PLUS MC NE WS	1905950000	B.44
SSCH 10X3X1000 CU/SN	0348900000	B.74	TW PRV4	1173700000	B.60	WS 10/5 M PLUS MC NE WS	2003770000	A.82	WS 10/6 M PLUS MC NE WS	1905950000	B.48
SSCH 10X3X1000 CU/SN	0348900000	B.75	TW PRV4	1173700000	B.63	WS 10/5 M PLUS MC NE WS	2003770000	A.83	WS 10/6 M PLUS MC NE WS	1905950000	B.49
SSCH 10X3X1000 CU/SN	0348900000	B.76	TW PRV4 0-3	1230060000	B.60	WS 10/5 M PLUS MC NE WS	2003770000	A.84	WS 10/6 M PLUS MC NE WS	1905950000	B.52
SSCH 10X3X1000 CU/SN	0348900000	B.77	TW PRV4 0-3	1230060000	B.63	WS 10/5 M PLUS MC NE WS	2003770000	A.85	WS 10/6 M PLUS MC NE WS	1905950000	B.113
SSCH 10X3X1000 CU/SN	0348900000	B.82	TW PRV4 1-4	1230050000	B.60	WS 10/5 M PLUS MC NE WS	2003770000	A.86	WS 10/6 M PLUS MC NE WS	1905950000	B.117
SSCH 10X3X1000 CU/SN	0348900000	C.4	TW PRV4 1-4	1230050000	B.63	WS 10/5 M PLUS MC NE WS	2003770000	A.89	WS 7/8/9.2 PLUS MC NE GR	1208970000	B.60
SSCH 10X3X1000 ST/ZN	0438000000	C.4	TW PRV4 A-D	1230070000	B.60	WS 10/5 M PLUS MC NE WS	2003770000	A.90	WS 7/8/9.2 PLUS MC NE GR	1208970000	B.61
SSCH 10X3X2000 CU VERZ.	1397000000	C.4	TW PRV4 A-0	1230070000	B.63	WS 10/5 M PLUS MC NE WS	2003770000	A.93	WS 7/8/9.2 PLUS MC NE GR	1208970000	B.62
SSCH 15X6X1000 CU/SN	0357400000	C.4	TW PRV8	1173670000	B.61	WS 10/5 M PLUS MC NE WS	2003770000	A.94	WS 7/8/9.2 PLUS MC NE GR	1208970000	B.63
SSCH 6X6X1000 CU/SN	0571300000	C.4	TW PRV8	1173670000	B.63	WS 10/5 M PLUS MC NE WS	2003770000	A.95	WS 7/8/9.2 PLUS MC NE GR	1208970000	B.67
SSCH 7.3X1.2X1000	1071200000	C.4	TW PRV8 0-7	1230090000	B.61	WS 10/5 M PLUS MC NE WS	2003770000	A.96	WS 7/8/9.2 PLUS MC NE GR	1208970000	B.69
			TW PRV8 0-7	1230090000	B.63	WS 10/5 M PLUS MC NE WS	2003770000	A.99	WS 7/8/9.2 PLUS MC NE GR	1208970000	B.71
			TW PRV8 1-8	1230080000	B.61	WS 10/5 M PLUS MC NE WS	2003770000	A.100	WS 8/3.5 MM		

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WS 8/5 MM WS	2007150000	A.38	WS 8/6 MM WS	2007160000	B.115	ZQV 1.5N/10 BL	1985680000	B.36	ZQV 16N/2	2497290000	A.66
WS 8/5 MM WS	2007150000	A.39	WS 8/6 MM WS	2007160000	B.116	ZQV 1.5N/10 BL	1985680000	B.37	ZQV 16N/2	2497290000	A.169
WS 8/5 MM WS	2007150000	A.41	WS 8/6 PLUS MC NE WS	1951880000	B.67	ZQV 1.5N/10 BL	1985680000	B.38	ZQV 2.5N/10	1527690000	A.8
WS 8/5 MM WS	2007150000	A.42	WS 8/6 PLUS MC NE WS	1951880000	B.71	ZQV 1.5N/10 BL	1985680000	B.39	ZQV 2.5N/10	1527690000	A.9
WS 8/5 MM WS	2007150000	A.43	WS 8/6 PLUS MC NE WS	1951880000	B.76	ZQV 1.5N/10 BL	1985680000	B.56	ZQV 2.5N/10	1527690000	A.18
WS 8/5 MM WS	2007150000	A.45	WS 8/6 PLUS MC NE WS	1951880000	B.77	ZQV 1.5N/10 BL	1985680000	B.57	ZQV 2.5N/10	1527690000	A.19
WS 8/5 MM WS	2007150000	A.46	WS-A 8/10 MM WS	2619890000	B.67	ZQV 1.5N/10 RD	1985800000	A.168	ZQV 2.5N/10	1527690000	A.20
WS 8/5 MM WS	2007150000	A.47	WS-A 8/10 MM WS	2619890000	B.69	ZQV 1.5N/10 RD	1985800000	B.36	ZQV 2.5N/10	1527690000	A.21
WS 8/5 MM WS	2007150000	A.48	WS-A 8/10 MM WS	2619890000	B.71	ZQV 1.5N/10 RD	1985800000	B.37	ZQV 2.5N/10	1527690000	A.22
WS 8/5 MM WS	2007150000	A.49	WS-A 8/12 MM WS	2619900000	A.97	ZQV 1.5N/10 RD	1985800000	B.38	ZQV 2.5N/10	1527690000	A.23
WS 8/5 MM WS	2007150000	A.50	WS-A 8/12 MM WS	2619900000	A.98	ZQV 1.5N/10 RD	1985800000	B.39	ZQV 2.5N/10	1527690000	A.24
WS 8/5 MM WS	2007150000	A.51	WS-A 8/16 MM WS	2619910000	A.72	ZQV 1.5N/10 RD	1985800000	B.40	ZQV 2.5N/10	1527690000	A.25
WS 8/5 MM WS	2007150000	A.59	WS-A 8/16 MM WS	2619910000	A.73	ZQV 1.5N/10 RD	1985800000	B.41	ZQV 2.5N/10	1527690000	A.21
WS 8/5 MM WS	2007150000	A.60	WS-A 8/16 MM WS	2619910000	A.74	ZQV 1.5N/10 RD	1985800000	B.56	ZQV 2.5N/10	1527690000	A.42
WS 8/5 MM WS	2007150000	A.68	WS-A 8/16 MM WS	2619910000	A.75	ZQV 1.5N/10 RD	1985800000	B.57	ZQV 2.5N/10	1527690000	A.43
WS 8/5 MM WS	2007150000	A.69	WS-A 8/16 MM WS	2619910000	A.101	ZQV 1.5N/2	1985410000	A.6	ZQV 2.5N/10	1527690000	A.45
WS 8/5 MM WS	2007150000	A.78	WS-A 8/16 MM WS	2619910000	A.102	ZQV 1.5N/2	1985410000	A.7	ZQV 2.5N/10	1527690000	A.46
WS 8/5 MM WS	2007150000	A.79	WS-A 8/16 MM WS	2619910000	B.8	ZQV 1.5N/2	1985410000	A.58	ZQV 2.5N/10	1527690000	A.47
WS 8/5 MM WS	2007150000	A.80	WS-A 8/16 MM WS	2619910000	B.9	ZQV 1.5N/2	1985410000	A.59	ZQV 2.5N/10	1527690000	A.48
WS 8/5 MM WS	2007150000	A.81	WS-A 8/16 MM WS	2619910000	B.10	ZQV 1.5N/2	1985410000	A.64	ZQV 2.5N/10	1527690000	A.49
WS 8/5 MM WS	2007150000	A.82	WS-A 8/16 MM WS	2619910000	B.11	ZQV 1.5N/2	1985410000	A.67	ZQV 2.5N/10	1527690000	A.50
WS 8/5 MM WS	2007150000	A.83	WS-A 8/16 MM WS	2619910000	B.12	ZQV 1.5N/2	1985410000	A.76	ZQV 2.5N/10	1527690000	A.59
WS 8/5 MM WS	2007150000	A.84	WS-A 8/16 MM WS	2619910000	B.16	ZQV 1.5N/2	1985410000	A.77	ZQV 2.5N/10	1527690000	A.60
WS 8/5 MM WS	2007150000	A.85	WS-A 8/16 MM WS	2619910000	B.17	ZQV 1.5N/2	1985410000	A.86	ZQV 2.5N/10	1527690000	A.64
WS 8/5 MM WS	2007150000	A.88	WS-A 8/16 MM WS	2619910000	B.18	ZQV 1.5N/2	1985410000	A.87	ZQV 2.5N/10	1527690000	A.67
WS 8/5 MM WS	2007150000	A.89	WS-A 8/16 MM WS	2619910000	B.19	ZQV 1.5N/2	1985410000	A.112	ZQV 2.5N/10	1527690000	A.68
WS 8/5 MM WS	2007150000	A.90	WS-A 8/16 MM WS	2619910000	B.20	ZQV 1.5N/2	1985410000	A.113	ZQV 2.5N/10	1527690000	A.69
WS 8/5 MM WS	2007150000	A.93	WS-A 8/16 MM WS	2619910000	B.21	ZQV 1.5N/2	1985410000	A.122	ZQV 2.5N/10	1527690000	A.78
WS 8/5 MM WS	2007150000	A.94	WS-A 8/16 MM WS	2619910000	B.22	ZQV 1.5N/2	1985410000	A.123	ZQV 2.5N/10	1527690000	A.79
WS 8/5 MM WS	2007150000	A.95	WS-A 8/16 MM WS	2619910000	B.23	ZQV 1.5N/2	1985410000	A.124	ZQV 2.5N/10	1527690000	A.80
WS 8/5 MM WS	2007150000	A.98	WS-A 8/16 MM WS	2619910000	B.24	ZQV 1.5N/2	1985410000	A.125	ZQV 2.5N/10	1527690000	A.81
WS 8/5 MM WS	2007150000	A.99	WS-A 8/16 MM WS	2619910000	B.28	ZQV 1.5N/2	1985410000	A.126	ZQV 2.5N/10	1527690000	A.83
WS 8/5 MM WS	2007150000	A.100	WS-A 8/16 MM WS	2619910000	B.118	ZQV 1.5N/2	1985410000	A.168	ZQV 2.5N/10	1527690000	A.84
WS 8/5 MM WS	2007150000	A.103	WS-A 8/16 MM WS	2619910000	B.119	ZQV 1.5N/2	1985410000	B.28	ZQV 2.5N/10	1527690000	A.85
WS 8/5 MM WS	2007150000	A.104	WS-A 8/16 MM WS	2619910000	B.120	ZQV 1.5N/2	1985410000	B.87	ZQV 2.5N/10	1527690000	A.88
WS 8/5 MM WS	2007150000	A.105	WS-A 8/16 MM WS	2619910000	B.121	ZQV 1.5N/2	1985410000	B.121	ZQV 2.5N/10	1527690000	A.89
WS 8/5 MM WS	2007150000	A.106	WS-A 8/8 MM WS	2448930000	A.12	ZQV 1.5N/2 BL	1985530000	A.168	ZQV 2.5N/10	1527690000	A.90
WS 8/5 MM WS	2007150000	A.113	WS-A 8/8 MM WS	2448930000	A.13	ZQV 1.5N/2 BL	1985530000	B.36	ZQV 2.5N/10	1527690000	A.106
WS 8/5 MM WS	2007150000	A.114	WS-A 8/8 MM WS	2448930000	A.14	ZQV 1.5N/2 BL	1985530000	B.37	ZQV 2.5N/10	1527690000	A.113
WS 8/5 MM WS	2007150000	A.115	WS-A 8/8 MM WS	2448930000	A.15	ZQV 1.5N/2 BL	1985530000	B.38	ZQV 2.5N/10	1527690000	A.114
WS 8/5 MM WS	2007150000	A.116	WS-A 8/8 MM WS	2448930000	A.16	ZQV 1.5N/2 BL	1985530000	B.39	ZQV 2.5N/10	1527690000	A.115
WS 8/5 MM WS	2007150000	A.117	WS-A 8/8 MM WS	2448930000	A.17	ZQV 1.5N/2 BL	1985530000	B.56	ZQV 2.5N/10	1527690000	A.116
WS 8/5 MM WS	2007150000	A.118	WS-A 8/8 MM WS	2448930000	A.32	ZQV 1.5N/2 BL	1985530000	B.57	ZQV 2.5N/10	1527690000	A.117
WS 8/5 MM WS	2007150000	A.120	WS-A 8/8 MM WS	2448930000	A.33	ZQV 1.5N/2 RD	1985650000	A.168	ZQV 2.5N/10	1527690000	A.118
WS 8/5 MM WS	2007150000	A.127	WS-A 8/8 MM WS	2448930000	A.34	ZQV 1.5N/2 RD	1985650000	B.36	ZQV 2.5N/10	1527690000	A.120
WS 8/5 MM WS	2007150000	A.128	WS-A 8/8 MM WS	2448930000	A.35	ZQV 1.5N/2 RD	1985650000	B.37	ZQV 2.5N/10	1527690000	A.127
WS 8/5 MM WS	2007150000	A.129	WS-A 8/8 MM WS	2448930000	A.62	ZQV 1.5N/2 RD	1985650000	B.38	ZQV 2.5N/10	1527690000	A.128
WS 8/5 MM WS	2007150000	A.130	WS-A 8/8 MM WS	2448930000	A.63	ZQV 1.5N/2 RD	1985650000	B.39	ZQV 2.5N/10	1527690000	A.129
WS 8/5 MM WS	2007150000	A.131	WS-A 8/8 MM WS	2448930000	A.64	ZQV 1.5N/2 RD	1985650000	B.40	ZQV 2.5N/10	1527690000	A.130
WS 8/5 MM WS	2007150000	A.138	WS-A 8/8 MM WS	2448930000	A.95	ZQV 1.5N/2 RD	1985650000	B.41	ZQV 2.5N/10	1527690000	A.131
WS 8/5 MM WS	2007150000	A.140	WS-A 8/8 MM WS	2448930000	A.96	ZQV 1.5N/2 RD	1985650000	B.56	ZQV 2.5N/10	1527690000	A.146
WS 8/5 MM WS	2007150000	A.146	WS-A 8/8 MM WS	2448930000	A.136	ZQV 1.5N/2 RD	1985650000	B.57	ZQV 2.5N/10	1527690000	A.147
WS 8/5 MM WS	2007150000	A.147	WS-A 8/8 MM WS	2448930000	B.36	ZQV 1.5N/20	1985680000	A.168	ZQV 2.5N/10	1527690000	A.148
WS 8/5 MM WS	2007150000	A.148	WS-A 8/8 MM WS	2448930000	B.37	ZQV 1.5N/20 BL	1985700000	A.168	ZQV 2.5N/10	1527690000	A.149
WS 8/5 MM WS	2007150000	A.149	WS-A 8/8 MM WS	2448930000	B.38	ZQV 1.5N/20 RD	1985810000	A.168	ZQV 2.5N/10	1527690000	A.150
WS 8/5 MM WS	2007150000	A.150	WS-A 8/8 MM WS	2448930000	B.39	ZQV 1.5N/3	1985480000	A.168	ZQV 2.5N/10	1527690000	A.160
WS 8/5 MM WS	2007150000	A.160	WS-A 8/8 MM WS	2448930000	B.40	ZQV 1.5N/3 BL	1985550000	A.168	ZQV 2.5N/10	1527690000	A.168
WS 8/5 MM WS	2007150000	B.28	WS-A 8/8 MM WS	2448930000	B.41	ZQV 1.5N/3 RD	1985670000	A.168	ZQV 2.5N/10	1527690000	B.28
WS 8/5 MM WS	2007150000	B.30	WS-A 8/8 MM WS	2448930000	B.113	ZQV 1.5N/4	1985490000	A.168	ZQV 2.5N/10	1527690000	B.30
WS 8/5 MM WS	2007150000	B.43	WS-A 8/8 MM WS	2448930000	B.117	ZQV 1.5N/4 BL	1985570000	A.168	ZQV 2.5N/10	1527690000	B.66
WS 8/5 MM WS	2007150000	B.45	WTTB 6	2710090000	B.92	ZQV 1.5N/4 RD	1985690000	A.168	ZQV 2.5N/10	1527690000	B.72
WS 8/5 MM WS	2007150000	B.112	WTTB 6 PE	2710100000	B.92	ZQV 1.5N/5	1985500000	A.168	ZQV 2.5N/10	1527690000	B.73
WS 8/5 MM WS	2007150000	B.114	WTTB 6 PE	2710100000	B.96	ZQV 1.5N/5 BL	1985590000	A.168	ZQV 2.5N/10	1527690000	B.74
WS 8/5 MM WS	2007150000	B.115	WTTB 6 PE	2710100000	B.99	ZQV 1.5N/5 RD	1985710000	A.168	ZQV 2.5N/10	1527690000	B.75
WS 8/5 MM WS	2007150000	B.116				ZQV 1.5N/50	1985620000	A.168	ZQV 2.5N/10	1527690000	B.78
WS 8/5 MM WS	2007150000	B.121				ZQV 1.5N/50 BL	1985720000	A.168	ZQV 2.5N/10	1527690000	B.79
WS 8/6 MM WS	2007160000	A.10				ZQV 1.5N/50 RD	1985820000	A.168	ZQV 2.5N/10	1527690000	B.80
WS 8/6 MM WS	2007160000	A.11	ZEW 15	7920340000	C.15	ZQV 1.5N/6	1985510000	A.168	ZQV 2.5N/10	1527690000	B.81
WS 8/6 MM WS	2007160000	A.30	ZEW 35	9540000000	C.15	ZQV 1.5N/6 BL	1985610000	A.168	ZQV 2.5N/10	1527690000	B.114
WS 8/6 MM WS	2007160000	A.31	ZEW 35 GR	1238040000	C.15	ZQV 1.5N/6 RD	1985730000	A.168	ZQV 2.5N/10	1527690000	B.115
WS 8/6 MM WS	2007160000	A.40	ZEW 35/2	8630740000	B.49	ZQV 1.5N/7	1985520000	A.168	ZQV 2.5N/10	1527690000	B.116
WS 8/6 MM WS	2007160000	A.44	ZEW 35/2	8630740000	C.15	ZQV 1.5N/7 BL	1985630000	A.168	ZQV 2.5N/10	1527690000	B.121
WS 8/6 MM WS	2007160000	A.60	ZEW 35/2 GR	1277850000	C.15	ZQV 1.5N/7 RD	1985750000	A.168	ZQV 2.5N/10 BK	2831750000	A.171
WS 8/6 MM WS	2007160000	A.61	ZEW 35/2 SW	1162610000	B.60	ZQV 1.5N/8	1985540000	A.168	ZQV 2.5N/10 BL	1527880000	A.168
WS 8/6 MM WS	2007160000	A.70	ZEW 35/2 SW	1162610000	B.61	ZQV 1.5N/8 BL	1985640000	A.168	ZQV 2.5N/10 BL	1527880000	B.42
WS 8/6 MM WS	2007160000	A.71	ZEW 35/2 SW	1162610000	B.63	ZQV 1.5N/8 RD	1985770000	A.168	ZQV 2.5N/10 BL	1527880000	B.43
WS 8/6 MM WS	2007160000	A.94	ZEW 35/2 SW	1162610000	C.15	ZQV 1.5N/9	1985560000	A.168	ZQV 2.5N/10 BL	1527880000	B.44
WS 8/6 MM WS	2007160000	A.95	ZQV 1.5N/10	1985580000	A.6	ZQV 1.5N/9 BL	1985660000	A.168	ZQV 2.5N/10 BL	1527880000	B.45
WS 8/6 MM WS	2007160000	A.99	ZQV 1.5N/10	1985580000	A.7	ZQV 1.5N/9 RD	1985790000	A.168	ZQV 2.5N/10 BL	1527880000	B.70
WS 8/6 MM WS	2007160000	A.100	ZQV 1.5N/10	1985580000	A.58	ZQV 10N/2	2497250000	A.16	ZQV 2.5N/10 RD	2108910000	A.168
WS 8/6 MM WS	20071600										

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
ZQV 2.5N/2	1527540000	A.43	ZQV 2.5N/4	1527590000	B.78	ZQV 4N/10 BL	1528230000	B.50	ZQV 4N/8 RD	2460760000	A.168
ZQV 2.5N/2	1527540000	A.45	ZQV 2.5N/4	1527590000	B.79	ZQV 4N/10 BL	1528230000	B.52	ZQV 4N/8 WT	2831860000	A.171
ZQV 2.5N/2	1527540000	A.46	ZQV 2.5N/4	1527590000	B.80	ZQV 4N/10 BL	1528230000	B.53	ZQV 4N/9	1528070000	A.168
ZQV 2.5N/2	1527540000	A.47	ZQV 2.5N/4	1527590000	B.81	ZQV 4N/10 RD	2460740000	A.168	ZQV 4N/9 BK	2831780000	A.171
ZQV 2.5N/2	1527540000	A.48	ZQV 2.5N/4 BK	2831690000	A.171	ZQV 4N/10 RD	2460740000	B.48	ZQV 4N/9 BL	1528220000	A.168
ZQV 2.5N/2	1527540000	A.49	ZQV 2.5N/4 BL	1527780000	A.168	ZQV 4N/10 RD	2460740000	B.49	ZQV 4N/9 RD	2460750000	A.168
ZQV 2.5N/2	1527540000	A.50	ZQV 2.5N/4 BL	1527780000	B.70	ZQV 4N/10 RD	2460740000	B.50	ZQV 4N/9 WT	2831870000	A.171
ZQV 2.5N/2	1527540000	A.59	ZQV 2.5N/4 RD	2108700000	A.168	ZQV 4N/10 RD	2460740000	B.52	ZQV 50/70N/2	2663400000	A.73
ZQV 2.5N/2	1527540000	A.60	ZQV 2.5N/4 WT	2831580000	A.171	ZQV 4N/10 RD	2460740000	B.53	ZQV 50/70N/2	2663400000	A.170
ZQV 2.5N/2	1527540000	A.64	ZQV 2.5N/5	1527620000	A.168	ZQV 4N/10 WT	2831790000	A.171	ZQV 50/70N/2	2663400000	B.16
ZQV 2.5N/2	1527540000	A.67	ZQV 2.5N/5 BK	2831700000	A.171	ZQV 4N/2	1527930000	A.10	ZQV 50/70N/2	2663400000	B.17
ZQV 2.5N/2	1527540000	A.68	ZQV 2.5N/5 BL	1527790000	A.168	ZQV 4N/2	1527930000	A.11	ZQV 50/70N/2	2663400000	B.24
ZQV 2.5N/2	1527540000	A.69	ZQV 2.5N/5 RD	2108710000	A.168	ZQV 4N/2	1527930000	A.40	ZQV 50/70N/2	2663400000	B.119
ZQV 2.5N/2	1527540000	A.78	ZQV 2.5N/5 WT	2831590000	A.171	ZQV 4N/2	1527930000	A.44	ZQV 6N/10	2733970000	A.169
ZQV 2.5N/2	1527540000	A.79	ZQV 2.5N/50	1527730000	A.168	ZQV 4N/2	1527930000	A.60	ZQV 6N/10	2733970000	B.90
ZQV 2.5N/2	1527540000	A.80	ZQV 2.5N/50 BK	2831770000	A.171	ZQV 4N/2	1527930000	A.61	ZQV 6N/10	2733970000	B.91
ZQV 2.5N/2	1527540000	A.81	ZQV 2.5N/50 BL	1527920000	A.168	ZQV 4N/2	1527930000	A.67	ZQV 6N/10	2733970000	B.92
ZQV 2.5N/2	1527540000	A.83	ZQV 2.5N/50 RD	2109000000	A.168	ZQV 4N/2	1527930000	A.70	ZQV 6N/10	2733970000	B.93
ZQV 2.5N/2	1527540000	A.84	ZQV 2.5N/50 WT	2831660000	A.171	ZQV 4N/2	1527930000	A.71	ZQV 6N/10	2733970000	B.96
ZQV 2.5N/2	1527540000	A.85	ZQV 2.5N/6	1527630000	A.168	ZQV 4N/2	1527930000	A.82	ZQV 6N/10	2733970000	B.97
ZQV 2.5N/2	1527540000	A.88	ZQV 2.5N/6 BK	2831710000	A.171	ZQV 4N/2	1527930000	A.83	ZQV 6N/10	2733970000	B.99
ZQV 2.5N/2	1527540000	A.89	ZQV 2.5N/6 BL	1527820000	A.168	ZQV 4N/2	1527930000	A.107	ZQV 6N/10 BL	2786910000	A.169
ZQV 2.5N/2	1527540000	A.90	ZQV 2.5N/6 RD	2108720000	A.168	ZQV 4N/2	1527930000	A.108	ZQV 6N/2	1985740000	A.12
ZQV 2.5N/2	1527540000	A.106	ZQV 2.5N/6 WT	2831600000	A.171	ZQV 4N/2	1527930000	A.109	ZQV 6N/2	1985740000	A.13
ZQV 2.5N/2	1527540000	A.113	ZQV 2.5N/7	1527640000	A.168	ZQV 4N/2	1527930000	A.110	ZQV 6N/2	1985740000	A.62
ZQV 2.5N/2	1527540000	A.114	ZQV 2.5N/7 BK	2831720000	A.171	ZQV 4N/2	1527930000	A.111	ZQV 6N/2	1985740000	A.63
ZQV 2.5N/2	1527540000	A.115	ZQV 2.5N/7 BL	1527830000	A.168	ZQV 4N/2	1527930000	A.116	ZQV 6N/2	1985740000	A.67
ZQV 2.5N/2	1527540000	A.116	ZQV 2.5N/7 RD	2108810000	A.168	ZQV 4N/2	1527930000	A.118	ZQV 6N/2	1985740000	A.169
ZQV 2.5N/2	1527540000	A.117	ZQV 2.5N/7 WT	2831610000	A.171	ZQV 4N/2	1527930000	A.119	ZQV 6N/2	1985740000	B.28
ZQV 2.5N/2	1527540000	A.118	ZQV 2.5N/8	1527670000	A.168	ZQV 4N/2	1527930000	A.121	ZQV 6N/2	1985740000	B.66
ZQV 2.5N/2	1527540000	A.120	ZQV 2.5N/8 BK	2831730000	A.171	ZQV 4N/2	1527930000	A.132	ZQV 6N/2	1985740000	B.117
ZQV 2.5N/2	1527540000	A.127	ZQV 2.5N/8 BL	1527840000	A.168	ZQV 4N/2	1527930000	A.133	ZQV 6N/2	1985740000	B.121
ZQV 2.5N/2	1527540000	A.128	ZQV 2.5N/8 RD	2108870000	A.168	ZQV 4N/2	1527930000	A.134	ZQV 6N/2 BL	1985830000	A.169
ZQV 2.5N/2	1527540000	A.129	ZQV 2.5N/8 WT	2831620000	A.171	ZQV 4N/2	1527930000	A.135	ZQV 6N/2 BL	1985830000	B.70
ZQV 2.5N/2	1527540000	A.130	ZQV 2.5N/9	1527680000	A.168	ZQV 4N/2	1527930000	A.136	ZQV 6N/20	2810820000	A.169
ZQV 2.5N/2	1527540000	A.131	ZQV 2.5N/9 BK	2831740000	A.171	ZQV 4N/2	1527930000	A.168	ZQV 6N/3	1985760000	A.12
ZQV 2.5N/2	1527540000	A.146	ZQV 2.5N/9 BL	1527870000	A.168	ZQV 4N/2	1527930000	B.28	ZQV 6N/3	1985760000	A.13
ZQV 2.5N/2	1527540000	A.147	ZQV 2.5N/9 RD	2108900000	A.168	ZQV 4N/2	1527930000	B.76	ZQV 6N/3	1985760000	A.62
ZQV 2.5N/2	1527540000	A.148	ZQV 2.5N/9 WT	2831630000	A.171	ZQV 4N/2	1527930000	B.77	ZQV 6N/3	1985760000	A.63
ZQV 2.5N/2	1527540000	A.149	ZQV 35N-10	2562670000	A.72	ZQV 4N/2	1527930000	B.115	ZQV 6N/3	1985760000	A.169
ZQV 2.5N/2	1527540000	A.150	ZQV 35N-10	2562670000	A.169	ZQV 4N/2	1527930000	B.116	ZQV 6N/3	1985760000	B.117
ZQV 2.5N/2	1527540000	A.160	ZQV 35N-10	2562670000	B.8	ZQV 4N/2	1527930000	B.121	ZQV 6N/3 BL	1985840000	A.169
ZQV 2.5N/2	1527540000	A.168	ZQV 35N-10	2562670000	B.9	ZQV 4N/2 BK	2810840000	A.171	ZQV 6N/4	1985780000	A.12
ZQV 2.5N/2	1527540000	B.28	ZQV 35N-10	2562670000	B.10	ZQV 4N/2 BL	1528040000	A.168	ZQV 6N/4	1985780000	A.13
ZQV 2.5N/2	1527540000	B.30	ZQV 35N-10	2562670000	B.11	ZQV 4N/2 BL	1528040000	B.48	ZQV 6N/4	1985780000	A.62
ZQV 2.5N/2	1527540000	B.66	ZQV 35N-10	2562670000	B.12	ZQV 4N/2 BL	1528040000	B.49	ZQV 6N/4	1985780000	A.63
ZQV 2.5N/2	1527540000	B.72	ZQV 35N-10	2562670000	B.118	ZQV 4N/2 BL	1528040000	B.50	ZQV 6N/4	1985780000	A.169
ZQV 2.5N/2	1527540000	B.73	ZQV 35N-16	2562660000	A.72	ZQV 4N/2 BL	1528040000	B.52	ZQV 6N/4	1985780000	B.28
ZQV 2.5N/2	1527540000	B.74	ZQV 35N-16	2562660000	A.169	ZQV 4N/2 BL	1528040000	B.53	ZQV 6N/4	1985780000	B.99
ZQV 2.5N/2	1527540000	B.75	ZQV 35N-16	2562660000	B.8	ZQV 4N/2 RD	2460450000	A.168	ZQV 6N/4	1985780000	B.117
ZQV 2.5N/2	1527540000	B.78	ZQV 35N-16	2562660000	B.9	ZQV 4N/2 RD	2460450000	B.48	ZQV 6N/4	1985780000	B.121
ZQV 2.5N/2	1527540000	B.79	ZQV 35N-16	2562660000	B.10	ZQV 4N/2 RD	2460450000	B.49	ZQV 6N/4 BL	1985850000	A.169
ZQV 2.5N/2	1527540000	B.80	ZQV 35N-16	2562660000	B.11	ZQV 4N/2 RD	2460450000	B.50	ZQV 6N/6	2733950000	A.169
ZQV 2.5N/2	1527540000	B.81	ZQV 35N-16	2562660000	B.12	ZQV 4N/2 RD	2460450000	B.52	ZQV 6N/6	2733950000	B.90
ZQV 2.5N/2	1527540000	B.114	ZQV 35N-16	2562660000	B.118	ZQV 4N/2 RD	2460450000	B.53	ZQV 6N/6	2733950000	B.91
ZQV 2.5N/2	1527540000	B.115	ZQV 35N/2	2634950000	A.72	ZQV 4N/2 WT	2831800000	A.171	ZQV 6N/6	2733950000	B.92
ZQV 2.5N/2	1527540000	B.116	ZQV 35N/2	2634950000	A.169	ZQV 4N/20	2883800000	A.168	ZQV 6N/6	2733950000	B.93
ZQV 2.5N/2	1527540000	B.121	ZQV 35N/2	2634950000	B.8	ZQV 4N/20 BK	2810870000	A.171	ZQV 6N/6	2733950000	B.96
ZQV 2.5N/2 BK	2831670000	A.171	ZQV 35N/2	2634950000	B.9	ZQV 4N/20 BL	2810850000	A.168	ZQV 6N/6	2733950000	B.97
ZQV 2.5N/2 BL	1527740000	A.168	ZQV 35N/2	2634950000	B.10	ZQV 4N/20 RD	2810860000	A.168	ZQV 6N/6	2733950000	B.99
ZQV 2.5N/2 BL	1527740000	B.42	ZQV 35N/2	2634950000	B.11	ZQV 4N/3	1527940000	A.168	ZQV 6N/6 BL	2786890000	A.169
ZQV 2.5N/2 BL	1527740000	B.43	ZQV 35N/2	2634950000	B.12	ZQV 4N/3	1527940000	B.76	ZQV 6N/7	2733960000	A.169
ZQV 2.5N/2 BL	1527740000	B.44	ZQV 35N/2	2634950000	B.118	ZQV 4N/3	1527940000	B.77	ZQV 6N/7	2733960000	B.90
ZQV 2.5N/2 BL	1527740000	B.45	ZQV 4N/10	1528090000	A.10	ZQV 4N/3 BK	2810880000	A.171	ZQV 6N/7	2733960000	B.91
ZQV 2.5N/2 BL	1527740000	B.70	ZQV 4N/10	1528090000	A.11	ZQV 4N/3 BL	1528080000	A.168	ZQV 6N/7	2733960000	B.92
ZQV 2.5N/2 RD	2108470000	A.168	ZQV 4N/10	1528090000	A.40	ZQV 4N/3 RD	2460810000	A.168	ZQV 6N/7	2733960000	B.93
ZQV 2.5N/2 RD	2108470000	B.42	ZQV 4N/10	1528090000	A.44	ZQV 4N/3 WT	2831810000	A.171	ZQV 6N/7	2733960000	B.96
ZQV 2.5N/2 RD	2108470000	B.43	ZQV 4N/10	1528090000	A.60	ZQV 4N/4	1527970000	A.168	ZQV 6N/7	2733960000	B.97
ZQV 2.5N/2 RD	2108470000	B.44	ZQV 4N/10	1528090000	A.61	ZQV 4N/4	1527970000	B.76	ZQV 6N/7	2733960000	B.99
ZQV 2.5N/2 RD	2108470000	B.45	ZQV 4N/10	1528090000	A.67	ZQV 4N/4	1527970000	B.77	ZQV 6N/7 BL	2786900000	A.169
ZQV 2.5N/2 RD	2108470000	B.46	ZQV 4N/10	1528090000	A.70	ZQV 4N/4 BK	2810890000	A.171	ZQV 6SL/2	3077580000	A.14
ZQV 2.5N/2 RD	2108470000	B.47	ZQV 4N/10	1528090000	A.71	ZQV 4N/4 BL	1528120000	A.168	ZQV 6SL/2	3077580000	A.15
ZQV 2.5N/2 WT	2831560000	A.171	ZQV 4N/10	1528090000	A.82	ZQV 4N/4 RD	2460800000	A.168	ZQV 6SL/3	3077590000	A.14
ZQV 2.5N/20	1527720000	A.168	ZQV 4N/10	1528090000	A.83	ZQV 4N/4 WT	2831820000	A.171	ZQV 6SL/3	3077590000	A.15
ZQV 2.5N/20 BK	2831760000	A.171	ZQV 4N/10	1528090000	A.107	ZQV 4N/41	2883810000	A.168	ZQV 6SL/4	3077600000	A.14
ZQV 2.5N/20 BL	1527890000	A.168	ZQV 4N/10	1528090000	A.108	ZQV 4N/41 BK	2831890000	A.171	ZQV 6SL/4	3077600000	A.15
ZQV 2.5N/20 RD	2108920000	A.168	ZQV 4N/10	1528090000	A.109	ZQV 4N/41 BL	2883820000	A.168	ZQV 95/120N/2	2694250000	A.73
ZQV 2.5N/20 WT	2831650000	A.171	ZQV 4N/10	1528090000	A.110	ZQV 4N/41 RD	2883840000	A.168	ZQV 95/120N/2	2694250000	A.74
ZQV 2.5N/3	1527570000	A.168	ZQV 4N/10	1528090000	A.111	ZQV 4N/5	1527980000	A.168	ZQV 95/120N/2	2694250000	A.170
ZQV 2.5N/3	1527570000	B.66	ZQV 4N/10	1528090000	A.116	ZQV 4N/5 BK	2810900000	A.171	ZQV 95/120N/2	2694250000	B.18
ZQV 2.5N/3	1527570										

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010000000

0101700000	TST 2/M6	C.12
0103300000	BFSC M4X9T	C.4

011000000

0117500000	TS 15X5/LL 2M/ST/ZN	C.9
0117510000	TS 15X5/LL 1M/ST/ZN	C.9

012000000

0122800000	TS 32X15 2M/ST/ZN	B.99
0122800000	TS 32X15 2M/ST/ZN	C.10

016000000

0164000000	TSTW 6/M6	C.12
0169300000	TS 32X15 2M/AL/BK	C.10

017000000

0178100000	TSTW 5/M5	C.12
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018000000

0180400000	PS 2.3 RT	A.109
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019000000

0199360000	EWK 2	C.15
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020000000

0206160000	EWK 1	C.15
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023000000

0236400000	TS 35X15 2M/ST/ZN	C.11
0236500000	TS 35X15/LL 2M/ST/ZN	B.99
0236500000	TS 35X15/LL 2M/ST/ZN	C.11
0236510000	TS 35X15/LL 1M/ST/ZN	C.11

026000000

0267100000	BFSC M4X30	C.4
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027000000

0270100000	TS 35X15/2.3 2M/CU/BK	B.24
0270100000	TS 35X15/2.3 2M/CU/BK	C.11

028000000

0280100000	DKSUE NSCH/ESCH	C.4
0280200000	NSCH 1M	C.4
0280300000	ESCH 1 M	C.4

029000000

0293220000	TS 32X15 2M/CRN	C.10
0295900000	FKSC M5X8 D9/SW2.5	C.12
0296700000	BFSC M5X8 SCHLITZ	C.4
0299860000	SH 1	C.4

031000000

0310000000	PS 2.0 MC	A.6
0310000000	PS 2.0 MC	A.7
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0310000000	PS 2.0 MC	A.14
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0310000000	PS 2.0 MC	A.33
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0310000000	PS 2.0 MC	A.35
0310000000	PS 2.0 MC	A.36
0310000000	PS 2.0 MC	A.37

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0310000000	PS 2.0 MC	A.38
0310000000	PS 2.0 MC	A.39
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0310000000	PS 2.0 MC	A.103
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0310000000	PS 2.0 MC	A.112
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0310000000	PS 2.0 MC	A.150
0310000000	PS 2.0 MC	A.160
0310000000	PS 2.0 MC	B.8
0310000000	PS 2.0 MC	B.9
0310000000	PS 2.0 MC	B.10
0310000000	PS 2.0 MC	B.11
0310000000	PS 2.0 MC	B.12
0310000000	PS 2.0 MC	B.16
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0310000000	PS 2.0 MC	B.37
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0310000000	PS 2.0 MC	B.44
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0310000000	PS 2.0 MC	B.49
0310000000	PS 2.0 MC	B.50
0310000000	PS 2.0 MC	B.52

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0310000000	PS 2.0 MC	B.56
0310000000	PS 2.0 MC	B.57
0310000000	PS 2.0 MC	B.66
0310000000	PS 2.0 MC	B.67
0310000000	PS 2.0 MC	B.68
0310000000	PS 2.0 MC	B.69
0310000000	PS 2.0 MC	B.70
0310000000	PS 2.0 MC	B.71
0310000000	PS 2.0 MC	B.72
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0310000000	PS 2.0 MC	B.119
0310000000	PS 2.0 MC	B.120
0310000000	PS 2.0 MC	B.121

0330000000

0330800000	TS 35X7.5 2M/AL/BK	C.10
0334900000	MB M6/M4 GR	C.12

0340000000

0348900000	SSCH 10X3X1000 CU/SN	B.66
0348900000	SSCH 10X3X1000 CU/SN	B.67
0348900000	SSCH 10X3X1000 CU/SN	B.68
0348900000	SSCH 10X3X1000 CU/SN	B.69
0348900000	SSCH 10X3X1000 CU/SN	B.70
0348900000	SSCH 10X3X1000 CU/SN	B.71
0348900000	SSCH 10X3X1000 CU/SN	B.72
0348900000	SSCH 10X3X1000 CU/SN	B.73
0348900000	SSCH 10X3X1000 CU/SN	B.74
0348900000	SSCH 10X3X1000 CU/SN	B.75
0348900000	SSCH 10X3X1000 CU/SN	B.76
0348900000	SSCH 10X3X1000 CU/SN	B.77
0348900000	SSCH 10X3X1000 CU/SN	B.82
0348900000	SSCH 10X3X1000 CU/SN	C.4

0350000000

0353500000	FKSC M6X12 D9/SW3	C.12
0357400000	SSCH 15X6X1000 CU/SN	C.4

0380000000

0382860000	EW 15	C.15
0383400000	TS 35X7.5 2M/ST/ZN	C.10
0383410000	TS 35X7.5 1M/ST/ZN	C.10
0383530000	EW 35 GR 7032	C.15
0383560000	EW 35	C.15

0400000000

0401460000	SO SH1	C.4
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0430000000

0430500000	G 20/0.25A/F	A.40
0430500000	G 20/0.25A/F	A.107
0430500000	G 20/0.25A/F	A.108
0430500000	G 20/0.25A/F	A.109
0430500000	G 20/0.25A/F	A.110
0430500000	G 20/0.25A/F	A.111
0430500000	G 20/0.25A/F	B.50
0430500000	G 20/0.25A/F	B.53
0430600000	G 20/0.50A/F	A.40
0430600000	G 20/0.50A/F	A.107
0430600000	G 20/0.50A/F	A.108
0430600000	G 20/0.50A/F	A.109
0430600000	G 20/0.50A/F	A.111
0430600000	G 20/0.50A/F	B.50
0430600000	G 20/0.50A/F	B.53
0430700000	G 20/1.00A/F	A.40
0430700000	G 20/1.00A/F	A.107
0430700000	G 20/1.00A/F	A.108
0430700000	G 20/1.00A/F	A.109
0430700000	G 20/1.00A/F	A.110
0430700000	G 20/1.00A/F	A.111
0430700000	G 20/1.00A/F	B.50
0430700000	G 20/1.00A/F	B.53
0430900000		

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1011320000	DEK 5/8 PLUS MC NE WS	A.135
1011320000	DEK 5/8 PLUS MC NE WS	A.139
1011320000	DEK 5/8 PLUS MC NE WS	B.49
1011320000	DEK 5/8 PLUS MC NE WS	B.50
1011320000	DEK 5/8 PLUS MC NE WS	B.53
1011320000	DEK 5/8 PLUS MC NE WS	B.113
1011320000	DEK 5/8 PLUS MC NE WS	B.115
1011320000	DEK 5/8 PLUS MC NE WS	B.116

1040000000

1046350000	DEK 5/8 PLUS MC NE WS	A.12
1046350000	DEK 5/8 PLUS MC NE WS	A.13
1046350000	DEK 5/8 PLUS MC NE WS	A.14
1046350000	DEK 5/8 PLUS MC NE WS	A.15
1046350000	DEK 5/8 PLUS MC NE WS	A.16
1046350000	DEK 5/8 PLUS MC NE WS	A.17
1046350000	DEK 5/8 PLUS MC NE WS	A.32
1046350000	DEK 5/8 PLUS MC NE WS	A.33
1046350000	DEK 5/8 PLUS MC NE WS	A.34
1046350000	DEK 5/8 PLUS MC NE WS	A.35
1046350000	DEK 5/8 PLUS MC NE WS	A.36
1046350000	DEK 5/8 PLUS MC NE WS	A.37
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1046350000	DEK 5/8 PLUS MC NE WS	A.63
1046350000	DEK 5/8 PLUS MC NE WS	A.64
1046350000	DEK 5/8 PLUS MC NE WS	A.65
1046350000	DEK 5/8 PLUS MC NE WS	A.66
1046350000	DEK 5/8 PLUS MC NE WS	A.67
1046350000	DEK 5/8 PLUS MC NE WS	A.95
1046350000	DEK 5/8 PLUS MC NE WS	A.96
1046350000	DEK 5/8 PLUS MC NE WS	A.97
1046350000	DEK 5/8 PLUS MC NE WS	A.98
1046350000	DEK 5/8 PLUS MC NE WS	A.136
1046350000	DEK 5/8 PLUS MC NE WS	B.36
1046350000	DEK 5/8 PLUS MC NE WS	B.37
1046350000	DEK 5/8 PLUS MC NE WS	B.38
1046350000	DEK 5/8 PLUS MC NE WS	B.39
1046350000	DEK 5/8 PLUS MC NE WS	B.40
1046350000	DEK 5/8 PLUS MC NE WS	B.41
1046350000	DEK 5/8 PLUS MC NE WS	B.42
1046350000	DEK 5/8 PLUS MC NE WS	B.43
1046350000	DEK 5/8 PLUS MC NE WS	B.44
1046350000	DEK 5/8 PLUS MC NE WS	B.46
1046350000	DEK 5/8 PLUS MC NE WS	B.47
1046350000	DEK 5/8 PLUS MC NE WS	B.48
1046350000	DEK 5/8 PLUS MC NE WS	B.49
1046350000	DEK 5/8 PLUS MC NE WS	B.52
1046350000	DEK 5/8 PLUS MC NE WS	B.50
1046350000	DEK 5/8 PLUS MC NE WS	B.91
1046350000	DEK 5/8 PLUS MC NE WS	B.92
1046350000	DEK 5/8 PLUS MC NE WS	B.93
1046350000	DEK 5/8 PLUS MC NE WS	B.96
1046350000	DEK 5/8 PLUS MC NE WS	B.97
1046350000	DEK 5/8 PLUS MC NE WS	B.113
1046350000	DEK 5/8 PLUS MC NE WS	B.117

1050000000

1059000000	WEW 35/1	B.21
1059000000	WEW 35/1	C.5
1059000000	WEW 35/1	C.15

1060000000

1061200000	WEW 35/2	C.5
1061200000	WEW 35/2	C.15
1061210000	WEW 35/2 SW	C.5
1061210000	WEW 35/2 SW	C.15
1067600000	WEW 32/1	C.15

1070000000

1071200000	SSCH 7.3X1.2X1000	C.4
1071680000	TS 35X15/LL 2M/ST/ZN/D	C.11
1071690000	TS 35X7.5/LL/6X18 2M/D	C.10
1071900000	EW 15/2	C.15

1110000000

1112910000	WAD 5 MC NE WS	B.90
1112910000	WAD 5 MC NE WS	B.92
1112910000	WAD 5 MC NE WS	B.96

1160000000

1162600000	WEW 35/1 SW	B.62
1162600000	WEW 35/1 SW	C.5
1162600000	WEW 35/1 SW	C.15
1162610000	ZEW 35/2 SW	B.60
1162610000	ZEW 35/2 SW	B.61
1162610000	ZEW 35/2 SW	B.63
1162610000	ZEW 35/2 SW	C.15

1170000000

1173540000	BZT PRV16 SW 35X15	B.62
1173550000	BZT PRV16 SW 35X7.5	B.62
1173570000	BZT PRV8 SW 35X15	B.61

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1173580000	BZT PRV8 SW 35X7.5	B.61
1173580000	BZT PRV8 SW 35X7.5	B.63
1173590000	BZT PRV4 SW 35X15	B.60
1173590000	BZT PRV4 SW 35X15	B.63
1173600000	BZT PRV4 SW 35X7.5	B.60
1173600000	BZT PRV4 SW 35X7.5	B.63
1173620000	PRV 16 SW 35X15 RT/WS	B.62
1173630000	TW PRV16	B.62
1173650000	PRV 16 SW 35X15 WS/RT	B.62
1173670000	TW PRV8	B.61
1173670000	TW PRV8	B.63
1173680000	PRV 16 SW 35X7.5 RT/WS	B.62
1173700000	TW PRV4	B.60
1173700000	TW PRV4	B.63
1173710000	PRV 16 SW 35X7.5 WS/RT	B.62
1173720000	PAP PRV/PPV8 SW	B.61
1173720000	PAP PRV/PPV8 SW	B.63
1173740000	PRV 8 SW 35X15 RT/WS	B.61
1173750000	PAP PRV/PPV4 SW	B.60
1173750000	PAP PRV/PPV4 SW	B.63
1173780000	PRV 8 SW 35X15 WS/RT	B.61
1173790000	PRV 8 SW 35X7.5 RT/WS	B.61
1173800000	PRV 8 SW 35X7.5 WS/RT	B.61
1173810000	PRV 4 SW 35X15 RT	B.60
1173820000	PRV 4 SW 35X15 WS	B.60
1173830000	PRV 4 SW 35X7.5 RT	B.60
1173840000	PRV 4 SW 35X7.5 WS	B.60
1173850000	PPV 8 GR 35X15 DGR	B.63
1173870000	PPV 8 GR 35X7.5 DGR	B.63
1173880000	PPV 4 GR 35X15 DGR	B.63
1173890000	PPV 4 GR 35X7.5 DGR	B.63
1173900000	PRV 8 BL 35X15 WS/RT	B.61
1173910000	PRV 8 BL 35X7.5 WS/RT	B.61
1173920000	PRV 4 BL 35X15 WS	B.60
1173930000	PRV 4 BL 35X7.5 WS	B.60

1200000000

1208970000	WS 7.8/9.2 PLUS MC NE GR	B.60
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.61
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.62
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.63
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.67
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.69
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.71

1210000000

1211450000	PAP PRV/PPV4 GR	B.60
1211450000	PAP PRV/PPV4 GR	B.63
1211460000	PAP PRV/PPV8 GR	B.61
1211460000	PAP PRV/PPV8 GR	B.63

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1227850000	ZEW 35/2 GR	C.15
1227890000	WEW 35/1 GR	C.5
1227890000	WEW 35/1 GR	C.15

1230000000

1230050000	TW PRV4 1-4	B.60
1230050000	TW PRV4 1-4	B.63
1230060000	TW PRV4 0-3	B.60
1230060000	TW PRV4 0-3	B.63
1230070000	TW PRV4 A-D	B.60
1230070000	TW PRV4 A-D	B.63
1230080000	TW PRV8 1-8	B.61
1230080000	TW PRV8 1-8	B.63
1230090000	TW PRV8 0-7	B.61
1230090000	TW PRV8 0-7	B.63
1230110000	TW PRV8 A-H	B.61
1230110000	TW PRV8 A-H	B.63
1230120000	TW PRV16 1-16	B.62
1230130000	TW PRV16 0-15	B.62
1230140000	TW PRV16 A-P	B.62
1238040000	ZEW 35 GR	C.15

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1267790000	PRV 16 BL 35X15 RT/WS	B.62
1267800000	PRV 16 BL 35X15 WS/RT	B.62
1267810000	PRV 16 BL 35X7.5 RT/WS	B.62
1267820000	PRV 16 BL 35X7.5 WS/RT	B.62
1267830000	PRV 8 BL 35X15 RT/WS	B.61
1267840000	PRV 8 BL 35X7.5 RT/WS	B.61
1267870000	PPV 8 BL 35X15 DGR	B.63
1267880000	PPV 8 BL 35X7.5 DGR	B.63
1267890000	PRV 4 BL 35X15 RT	B.60
1267900000	PRV 4 BL 35X7.5 RT	B.60
1267910000	PPV 4 BL 35X15 DGR	B.63
1267920000	PPV 4 BL 35X7.5 DGR	B.63
1267930000	BZT PRV16 BL 35X15	B.62
1267940000	BZT PRV16 BL 35X7.5	B.62
1267950000	BZT PRV8 BL 35X15	B.61
1267950000	BZT PRV8 BL 35X15	B.63
1267970000	BZT PRV8 BL 35X7.5	B.61
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1267980000	BZT PRV4 BL 35X15	B.63
1267990000	BZT PRV4 BL 35X7.5	B.60
1267990000	BZT PRV4 BL 35X7.5	B.63
1268000000	PAP PRV/PPV8 BL	B.61
1268000000	PAP PRV/PPV8 BL	B.63
1268010000	PAP PRV/PPV4 BL	B.60
1268010000	PAP PRV/PPV4 BL	B.63
1269050000	EW 35 DB	C.15

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1283470000	TS END CAP 35X7.5	B.12
1283470000	TS END CAP 35X7.5	C.11
1283480000	TS END CAP 35X15	B.24
1283480000	TS END CAP 35X15	C.11
1286600000	TST 2/M5	C.12

1300000000

1301610000	PPV 4 OR 35X15 DGR	B.63
1301620000	PPV 8 OR 35X15 DGR	B.63
1301630000	PPV 4 OR 35X7.5 DGR	B.63
1301640000	PPV 8 OR 35X7.5 DGR	B.63

1310000000

1313600000	NSCH 2M	C.4
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1370000000

1378160000	ADP 4/300	C.18
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1390000000

1397000000	SSCH 10X3X2000 CU VERZ.	C.4
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1430000000

1430760000	ADP 4/1000	C.18
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1460000000

1460580000	GZ 0.5A/F	A.109
1460590000	GZ 1.0A/F	A.109
1460600000	GZ 2.0A/F	A.109

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1513640000	APG 2.5/2	A.138
1513650000	APG 2.5/3	A.138
1513670000	APG 2.5/4	A.138
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1513690000	APG 2.5/6	A.138
1513700000	APG 2.5/7	A.138
1513720000	APG 2.5/1	A.127
1513720000	APG 2.5/1	A.128
1513720000	APG 2.5/1	A.129
1513720000	APG 2.5/1	A.130
1513720000	APG 2.5/1	A.131
1513720000	APG 2.5/1	A.138
1513730000	APG 2.5/8	A.138
1513740000	APG 2.5/9	A.138
1513770000	APG 2.5/10	A.127
1513770000	APG 2.5/10	A.128
1513770000	APG 2.5/10	A.129
1513770000	APG 2.5/10	A.130
1513770000	APG 2.5/10	A.131
1513770000	APG 2.5/10	A.138
1513780000	APG 2.5/4-3BG-BLGN	A.138
1513790000	APG 2.5/4-3BG-GN	A.140
1513820000	APG 2.5/3-BG-BLGN	A.138
1513830000	APG 2.5 L	A.127
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1513840000	APG 2.5 L BL	A.142
1513850000	APG 2.5 L GN	A.142
1513870000	APG TB 2.5 PE 2C/1	A.127
1513870000	APG TB 2.5 PE 2C/1	A.163
1513880000	APG 2.5 MI	A.127
1513880000	APG 2.5 MI	A.128
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1513880000	APG 2.5 MI	A.131
1513880000	APG 2.5 MI	A.142
1513890000	APG TB 2.5 PE 3C/1	A.128
1513890000	APG TB 2.5 PE 3C/1	A.163
1513900000	APG 2.5 MI BL	A.142
1513920000	APG TB 2.5 PE 4C/2	A.129
1513920000	APG TB 2.5 PE 4C/2	A.163
1513930000	APG 2.5 MI GN	A.142
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2007120000	DEK 5/6 MM WS	A.118	2007150000	WS 8/5 MM WS	B.43	2041180000	ATPG 2.5/5	B.114	2051550000	A4C 4 YL	A.176
2007120000	DEK 5/6 MM WS	A.119	2007150000	WS 8/5 MM WS	B.45	2041180000	ATPG 2.5/5	B.115	2051560000	A4C 4 PE	A.95
2007120000	DEK 5/6 MM WS	A.121	2007150000	WS 8/5 MM WS	B.112	2041180000	ATPG 2.5/5	B.116	2051560000	A4C 4 PE	A.163
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2007120000	DEK 5/6 MM WS	A.133	2007150000	WS 8/5 MM WS	B.115	2041190000	ATPG 2.5/3	A.9	2051610000	A4C 4 WT	A.176
2007120000	DEK 5/6 MM WS	A.134	2007150000	WS 8/5 MM WS	B.116	2041190000	ATPG 2.5/3	A.18	2051660000	A4C 4 BK	A.176
2007120000	DEK 5/6 MM WS	A.135	2007150000	WS 8/5 MM WS	B.121	2041190000	ATPG 2.5/3	A.19	2051670000	A4C 4 LTGY	A.176
2007120000	DEK 5/6 MM WS	A.139	2007160000	WS 8/6 MM WS	A.10	2041190000	ATPG 2.5/3	A.20	2051680000	AEP 2C 4	A.60
2007120000	DEK 5/6 MM WS	B.49	2007160000	WS 8/6 MM WS	A.11	2041190000	ATPG 2.5/3	A.21	2051680000	AEP 2C 4	A.94
2007120000	DEK 5/6 MM WS	B.50	2007160000	WS 8/6 MM WS	A.30	2041190000	ATPG 2.5/3	A.22	2051680000	AEP 2C 4	A.132
2007120000	DEK 5/6 MM WS	B.53	2007160000	WS 8/6 MM WS	A.31	2041190000	ATPG 2.5/3	A.23	2051680000	AEP 2C 4	B.113
2007120000	DEK 5/6 MM WS	B.76	2007160000	WS 8/6 MM WS	A.40	2041190000	ATPG 2.5/3	A.24	2051690000	AEP 2C 4 BL	A.60
2007120000	DEK 5/6 MM WS	B.77	2007160000	WS 8/6 MM WS	A.44	2041190000	ATPG 2.5/3	A.25	2051690000	AEP 2C 4 BL	A.132
2007120000	DEK 5/6 MM WS	B.113	2007160000	WS 8/6 MM WS	A.60	2041190000	ATPG 2.5/3	A.28	2051720000	AEP 3C 4	A.61
2007120000	DEK 5/6 MM WS	B.115	2007160000	WS 8/6 MM WS	A.61	2041190000	ATPG 2.5/3	A.29	2051720000	AEP 3C 4	A.95
2007120000	DEK 5/6 MM WS	B.116	2007160000	WS 8/6 MM WS	A.70	2041190000	ATPG 2.5/3	A.41	2051720000	AEP 3C 4	A.116
2007140000	WS 8/3.5 MM WS	A.6	2007160000	WS 8/6 MM WS	A.71	2041190000	ATPG 2.5/3	A.42	2051720000	AEP 3C 4	A.133
2007140000	WS 8/3.5 MM WS	A.7	2007160000	WS 8/6 MM WS	A.94	2041190000	ATPG 2.5/3	A.43	2051880000	AEP 3C 4 BL	A.61
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2007140000	WS 8/3.5 MM WS	A.59	2007160000	WS 8/6 MM WS	A.99	2041190000	ATPG 2.5/3	A.60	2051880000	AEP 3C 4 BL	A.133
2007140000	WS 8/3.5 MM WS	A.112	2007160000	WS 8/6 MM WS	A.100	2041190000	ATPG 2.5/3	A.68	2051900000	AEP 4C 4	A.61
2007140000	WS 8/3.5 MM WS	A.113	2007160000	WS 8/6 MM WS	A.104	2041190000	ATPG 2.5/3	A.69	2051900000	AEP 4C 4	A.95
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2007140000	WS 8/3.5 MM WS	B.56	2007160000	WS 8/6 MM WS	A.110	2041190000	ATPG 2.5/3	A.81			
2007140000	WS 8/3.5 MM WS	B.57	2007160000	WS 8/6 MM WS	A.111	2041190000	ATPG 2.5/3	A.83			
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2007150000	WS 8/5 MM WS	A.18	2007160000	WS 8/6 MM WS	A.119	2041190000	ATPG 2.5/3	A.88			
2007150000	WS 8/5 MM WS	A.19	2007160000	WS 8/6 MM WS	A.121	2041190000	ATPG 2.5/3	A.89			
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2007150000	WS 8/5 MM WS	A.23	2007160000	WS 8/6 MM WS	A.135	2041190000	ATPG 2.5/3	A.99			
2007150000	WS 8/5 MM WS	A.24	2007160000	WS 8/6 MM WS	A.139	2041190000	ATPG 2.5/3	A.113			
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2007150000	WS 8/5 MM WS	A.48	2035590000	MCV APG 2.5	A.142	2041190000	ATPG 2.5/3	B.75			
2007150000	WS 8/5 MM WS	A.49				2041190000	ATPG 2.5/3	B.112			
2007150000	WS 8/5 MM WS	A.50				2041190000	ATPG 2.5/3	B.114			
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2007150000	WS 8/5 MM WS	A.160									
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2041180000	ATPG 2.5/5	A.18	2051590000	MCV APG 2.5	A.140	2051800000	A2C 4	A.176	2428530000	A3T 2.5 FT-PE	A.89
2041180000	ATPG 2.5/5	A.19	2051590000	MCV APG 2.5	A.142	2051210000	A2C 4 BL	A.60	2428540000	A3T 2.5 VL	A.88
2041180000	ATPG 2.5/5	A.20				2051210000	A2C 4 BL	A.176	2428550000	A3T 2.5 PE	A.105
2041180000	ATPG 2.5/5	A.21				2051220000	A2C 4 RD	A.176	2428560000	AEP 3T 2.5	A.78
2041180000	ATPG 2.5/5	A.22				2051230000	A2C 4 OR	A.176	2428560000	AEP 3T 2.5	A.88
2041180000	ATPG 2.5/5	A.23				2051240000	A3C 4	A.40	2428560000	AEP 3T 2.5	A.89
2041180000	ATPG 2.5/5	A.24				2051240000	A3C 4	A.61	2428560000	AEP 3T 2.5	A.105
2041180000	ATPG 2.5/5	A.25				2051240000	A3C 4	A.107	2428840000	A3T 2.5 N-FT-PE	A.89
2041180000	ATPG 2.5/5	A.28				2051240000	A3C 4	A.108	2428850000	A3T 2.5 VL BL	A.88
2041180000	ATPG 2.5/5	A.29				2051240000	A3C 4	A.109	2428860000	AEP 3T 2.5 BL	A.78
2041180000	ATPG 2.5/5	A.31				2051240000	A3C 4	A.163	2428860000	AEP 3T 2.5 BL	A.88
2041180000	ATPG 2.5/5	A.30				2051240000	A3C 4	A.176	2428860000	A	

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2434380000	AFS 4 2C 60-150V BK	A.107
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2448860000	DEK-A 5/8 MM WS	A.13
2448860000	DEK-A 5/8 MM WS	A.14
2448860000	DEK-A 5/8 MM WS	A.15
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2448860000	DEK-A 5/8 MM WS	A.17
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2448860000	DEK-A 5/8 MM WS	A.33
2448860000	DEK-A 5/8 MM WS	A.34
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2448860000	DEK-A 5/8 MM WS	A.95
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2448860000	DEK-A 5/8 MM WS	B.91
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2448860000	DEK-A 5/8 MM WS	B.117
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2448930000	WS-A 8/8 MM WS	A.13
2448930000	WS-A 8/8 MM WS	A.14
2448930000	WS-A 8/8 MM WS	A.15
2448930000	WS-A 8/8 MM WS	A.16
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2448930000	WS-A 8/8 MM WS	A.95
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2457570000	APGLE 2.5/4	A.143
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2457600000	APGSR 2.5/4 -8P	A.51
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2466600000	AFS 2.5 CF 2C 24V BK	A.106
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2471470000	AEP 2T 1.5 BL	A.76
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2661280000	AEB 35 SCL/1 VO	A.43
2661280000	AEB 35 SCL/1 VO	A.44
2661280000	AEB 35 SCL/1 VO	A.45
2661280000	AEB 35 SCL/1 VO	A.46
2661280000	AEB 35 SCL/1 VO	A.47
2661280000	AEB 35 SCL/1 VO	A.48
2661280000	AEB 35 SCL/1 VO	A.49
2661280000	AEB 35 SCL/1 VO	A.50
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2661280000	AEB 35 SCL/1 VO	B.57
2661280000	AEB 35 SCL/1 VO	B.66
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2661280000	AEB 35 SCL/1 VO	B.70
2661280000	AEB 35 SCL/1 VO	B.71
2661280000	AEB 35 SCL/1 VO	B.72
2661280000	AEB 35 SCL/1 VO	B.73
2661280000	AEB 35 SCL/1 VO	B.74
2661280000	AEB 35 SCL/1 VO	B.75
2661280000	AEB 35 SCL/1 VO	B.76
2661280000	AEB 35 SCL/1 VO	B.77
2661280000	AEB 35 SCL/1 VO	B.78
2661280000	AEB 35 SCL/1 VO	B.79
2661280000	AEB 35 SCL/1 VO	B.80
2661280000	AEB 35 SCL/1 VO	B.81
2661280000	AEB 35 SCL/1 VO	B.87
2661280000	AEB 35 SCL/1 VO	B.90
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2661280000	AEB 35 SCL/1 VO	B.114
2661280000	AEB 35 SCL/1 VO	B.115
2661280000	AEB 35 SCL/1 VO	B.116
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2661280000	AEB 35 SCL/1 VO	B.119
2661280000	AEB 35 SCL/1 VO	B.120
2661280000	AEB 35 SCL/1 VO	B.121
2661280000	AEB 35 SCL/1 VO	C.15
2661290000	AEB 35 SCL/1 VO GY	A.175
2661290000	AEB 35 SCL/1 VO GY	C.15
2661300000	AEB 35 SCL/1 VO BK	A.175
2661300000	AEB 35 SCL/1 VO BK	C.15
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2663260000	A2C 50/70 BL	A.73
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2663270000	A2C 50/70 FE	B.16
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2663310000	A2C 50/70 3FT-FE	B.22
2663320000	A2C 50/70 3FT	B.22
2663330000	A2C 50/70 DM	A.73
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2663400000	ZQV 50/70N/2	A.73
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2663400000	ZQV 50/70N/2	B.24
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2663420000	AAC 50-185 2X10	A.73
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2663420000	AAC 50-185 2X10	A.75
2663420000	AAC 50-185 2X10	B.16
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2663420000	AAC 50-185 2X10	B.20
2663420000	AAC 50-185 2X10	B.21
2663420000	AAC 50-185 2X10	B.22
2663420000	AAC 50-185 2X10	B.23
2663420000	AAC 50-185 2X10	B.24
2663430000	AAC 50-185 2X10 BL	A.73
2663430000	AAC 50-185 2X10 BL	A.74
2663430000	AAC 50-185 2X10 BL	A.75
2663430000	AAC 50-185 2X10 BL	B.16
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2663430000	AAC 50-185 2X10 BL	B.19
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2663430000	AAC 50-185 2X10 BL	B.22
2663430000	AAC 50-185 2X10 BL	B.23
2663430000	AAC 50-185 2X10 BL	B.24
2663440000	AAC 50-185 2X10 GN-YL	A.73
2663440000	AAC 50-185 2X10 GN-YL	A.74
2663440000	AAC 50-185 2X10 GN-YL	A.75
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2663440000	AAC 50-185 2X10 GN-YL	B.20
2663440000	AAC 50-185 2X10 GN-YL	B.21
2663440000	AAC 50-185 2X10 GN-YL	B.22
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2663440000	AAC 50-185 2X10 GN-YL	B.24
2663450000	AAC 50-185 2X10 BK-YL	A.73
2663450000	AAC 50-185 2X10 BK-YL	A.74
2663450000	AAC 50-185 2X10 BK-YL	A.75
2663450000	AAC 50-185 2X10 BK-YL	B.16
2663450000	AAC 50-185 2X10 BK-YL	B.17
2663450000	AAC 50-185 2X10 BK-YL	B.18
2663450000	AAC 50-185 2X10 BK-YL	B.19
2663450000	AAC 50-185 2X10 BK-YL	B.20
2663450000	AAC 50-185 2X10 BK-YL	B.21
2663450000	AAC 50-185 2X10 BK-YL	B.22
2663450000	AAC 50-185 2X10 BK-YL	B.23
2663450000	AAC 50-185 2X10 BK-YL	B.24
2668660000	AITB 2.5 BB 2C	B.66
2668670000	AITB 2.5 BB 2C PE	B.66
2668680000	AITB 2.5 BB 2C BL	B.68
2668690000	AITB 2.5 BB NDT BL	B.70
2668700000	AITB 6 BB 2C	B.66
2668710000	AITB 6 BB 2C BL	B.66
2668720000	AITB 6 BB 2C PE	B.68
2668730000	AITB 6 BB NDT BL	B.70
2668740000	AITB 16 BB 2C	B.67
2668750000	AITB 16 BB 2C BL	B.67
2668760000	AITB 16 BB 2C PE	B.69
2668770000	AITB 16 BB NDT BL	B.71
2668780000	AEP ITB 2.5 BB 2C	B.66
2668780000	AEP ITB 2.5 BB 2C	B.68
2668790000	AEP ITB 2.5 BB 2C BL	B.66
2668800000	AEP ITB 2.5 BB NDT BL	B.70
2668810000	AEP ITB 6 BB 2C	B.66
2668820000	AEP ITB 6 BB 2C	B.68
2668830000	AEP ITB 6 BB NDT BL	B.70
2668840000	AEP ITB 6 BB 2C BL	B.67
2668850000	AEP ITB 6 BB 2C BL	B.67
2668860000	AEP ITB 6 BB NDT BL	B.71
2668870000	APP ITB 2.5 BB 2C/NDT BL	B.66
2668870000	APP ITB 2.5 BB 2C/NDT BL	B.68
2668870000	APP ITB 2.5 BB 2C/NDT BL	B.70
2668880000	APP ITB 6 BB 2C/NDT BL	B.66
2668880000	APP ITB 6 BB 2C/NDT BL	B.68
2668880000	APP ITB 6 BB 2C/NDT BL	B.70
2668890000	APP ITB 6 BB 2C/NDT BL	B.67
2668890000	APP ITB 6 BB 2C/NDT BL	B.69
2668900000	APP ITB 6 BB 2C/NDT BL	B.71
2668910000	APP ITB 6 BB 2C/NDT BL	B.75
2668920000	APP ITB 6 BB 2C/NDT BL	B.73
2668930000	APP ITB 6 BB 2C/NDT BL	B.74
2668940000	APP ITB 6 BB 2C/NDT BL	B.77
2668950000	APP ITB 6 BB 2C/NDT BL	B.78
2668960000	APP ITB 6 BB 2C/NDT BL	B.79
2668970000	APP ITB 6 BB 2C/NDT BL	B.80
2668980000	APP ITB 6 BB 2C/NDT BL	B.81
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2669000000	A2C 2.5 FE WT	B.112
2669010000	A2C 2.5 FE WT	B.112
2669020000	A2C 2.5 FE WT	B.112
2669030000	A2C 2.5 FE WT	B.112
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2669080000	A2C 95/120 BL	B.18
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2669100000	A2C 95/120 FE	B.120
2669110000	A2C 95/120 FE	A.102
2669120000	A2C 95/120 PE	B.19
2669130000	A2C 95/120 PE	B.22
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2669160000	A2C 95/120 3FT	B.22
2669170000	A2C 95/120 3FT	A.74
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2669190000	A2C 95/120 DM	B.19
2669200000	A2C 95/120 BL-DM	A.74
2669210000	A2C 95/120 BL-DM	B.19
2669220000	A2C 95/120 BL-DM	B.19
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2669260000	A2C 95/120 3FT-FE-DM	B.23
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2669300000	ZQV 95/120N/2	A.170
2669310000	ZQV 95/120N/2	B.18
2669320000	ZQV 95/120N/2	B.19
2669330000	ZQV 95/120N/2	B.24
2669340000	ZQV 95/120N/2	B.120
2669350000	ZQV 95/120N/3	A.73
2669360000	ZQV 95/120N/3	A.74
2669370000	ZQV 95/120N/3	A.170
2669380000	ZQV 95/120N/3	B.18
2669390000	ZQV 95/120N/3	B.19
2669400000	ZQV 95/120N/3	B.24
2669410000	ZQV 95/120N/3	B.120
2669420000	ZQV 95/120N/3	B.120
2669430000	ZQV 95/120N/3	B.120
2669440000	ZQV 95/120N/3	B.120
2669450000	ZQV 95/120N/3	B.120
2669460000	ZQV 95/120N/3	B.120
2669470000	ZQV 95/120N/3	B.120
2669480000	ZQV 95/120N/3	B.120
2669490000	ZQV 95/120N/3	B.120
2669500000	ZQV 95/120N/3	B.120
2669510000	ZQV 95/120N/3	B.120
2669520000	ZQV 95/120N/3	B.120
2669530000	ZQV 95/120N/3	B.120
2669540000	ZQV 95/120N/3	B.120
2669550000	ZQV 95/120N/3	B.120
2669560000	ZQV 95/120N/3	B.120
2669570000	ZQV 95/120N/3	B.120
2669580000	ZQV 95/120N/3	B.120
2669590000	ZQV 95/120N/3	B.120
2669600000	ZQV 95/120N/3	B.120
2669610000	ZQV 95/120N/3	B.120
2669620000	ZQV 95/120N/3	B.120
2669630000	ZQV 95/120N/3	B.120
2669640000	ZQV 95/120N/3	B.120
2669650000	ZQV 95/120N/3	B.120
2669660000	ZQV 95/120N/3	B.120
2669670000	ZQV 95/120N/3	B.120
2669680000	ZQV 95/120N/3	B.120
2669690000	ZQV 95/120N/3	B.120
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2669710000	ZQV 95/120N/3	B.120
2669720000	ZQV 95/120N/3	B.120
2669730000	ZQV 95/120N/3	B.120
2669740000	ZQV 95/120N/3	B.120
2669750000	ZQV 95/120N/3	B.120
2669760000	ZQV 95/120N/3	B.120
2669770000	ZQV 95/120N/3	B.120
2669780000	ZQV 95/120N/3	B.120
2669790000	ZQV 95/120N/3	B.120
2669800000	ZQV 95/120N/3	B.120
2669810000	ZQV 95/120N/3	B.120
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2669830000	ZQV 95/120N/3	B.120
2669840000	ZQV 95/120N/3	B.120
2669850000	ZQV 95/120N/3	B.120
2669860000	ZQV 95/120N/3	B.120
2669870000	ZQV 95/120N/3	B.120
2669880000	ZQV 95/120N/3	B.120
2669890000	ZQV 95/120N/3	B.120
2669900000	ZQV 95/120N/3	B.120
2669910000	ZQV 95/120N/3	B.120
2669920000	ZQV 95/120N/3	B.120
2669930000	ZQV 95/120N/3	B.120
2669940000	ZQV 95/120N/3	B.120
2669950000	ZQV 95/120N/3	B.120
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2710500000	TS TT8 6 YL	B.93
2710500000	TS TT8 6 YL	B.98
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2712760000	APG 2.5/5-4BG-GN	A.140
2712770000	APG 2.5/6-5BG-GN	A.140
2712780000	APG 2.5/7-6BG-GN	A.140
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2712810000	APG 2.5/10-9BG-GN	A.140
2712960000	AAP11 6/6X1.5 LO-LI WT	B.37
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2719770000	APG 1.5/5-4BG-GN	A.140
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2719800000	APG 1.5/7-6BG-GN	A.140
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2726100000	LL TT8 6/3 CM	B.92
2726100000	LL TT8 6/3 CM	B.96
2726100000	LL TT8 6/3 CM	B.98
2726110000	LL TT8 6/4 CM	B.90
2726110000	LL TT8 6/4 CM	B.92
2726110000	LL TT8 6/4 CM	B.96
2726110000	LL TT8 6/4 CM	B.98
2728630000	AWPD 35 4X10	B.28
2728700000	A2C 150/185	A.74
2728700000	A2C 150/185	B.20
2728710000	A2C 150/185 BL	A.74
2728710000	A2C 150/185 BL	B.20
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2728720000	A2C 150/185 FE	B.121
2728770000	A2C 150/185-DM	A.75
2728770000	A2C 150/185-DM	B.21
2728780000	A2C 150/185 BLD-DM	A.75
2728780000	A2C 150/185 BLD-DM	B.21
2728790000	A2C 150/185 FE-DM	B.21
2728840000	ZQV 150/185N/2	A.74
2728840000	ZQV 150/185N/2	A.75
2728840000	ZQV 150/185N/2	A.170
2728840000	ZQV 150/185N/2	B.20
2728840000	ZQV 150/185N/2	B.21
2728840000	ZQV 150/185N/2	B.24
2728840000	ZQV 150/185N/2	B.121
2728850000	ZQV 150/185N/3	A.75
2728850000	ZQV 150/185N/3	A.74
2728850000	ZQV 150/185N/3	A.170
2728850000	ZQV 150/185N/3	B.20
2728850000	ZQV 150/185N/3	B.21
2728850000	ZQV 150/185N/3	B.24
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2733950000	ZQV 6N/6	B.91
2733950000	ZQV 6N/6	B.92
2733950000	ZQV 6N/6	B.93
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2733960000	ZQV 6N/7	A.169
2733960000	ZQV 6N/7	B.90
2733960000	ZQV 6N/7	B.91
2733960000	ZQV 6N/7	B.92
2733960000	ZQV 6N/7	B.93
2733960000	ZQV 6N/7	B.96
2733960000	ZQV 6N/7	B.97
2733960000	ZQV 6N/7	B.99
2733970000	ZQV 6N/10	A.169
2733970000	ZQV 6N/10	B.90
2733970000	ZQV 6N/10	B.91
2733970000	ZQV 6N/10	B.92
2733970000	ZQV 6N/10	B.93
2733970000	ZQV 6N/10	B.96
2733970000	ZQV 6N/10	B.97
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2734150000	A2C 4 FE WT	B.111
2734150000	A2C 4 FE WT	B.113

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2734160000	A2C 6 FE WT	B.113
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2749140000	SDIL 0.6X3,5X100	A.9
2749140000	SDIL 0.6X3,5X100	A.10
2749140000	SDIL 0.6X3,5X100	A.11
2749140000	SDIL 0.6X3,5X100	A.18
2749140000	SDIL 0.6X3,5X100	A.19
2749140000	SDIL 0.6X3,5X100	A.20
2749140000	SDIL 0.6X3,5X100	A.21
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2749140000	SDIL 0.6X3,5X100	A.23
2749140000	SDIL 0.6X3,5X100	A.24
2749140000	SDIL 0.6X3,5X100	A.25
2749140000	SDIL 0.6X3,5X100	A.28
2749140000	SDIL 0.6X3,5X100	A.29
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2749140000	SDIL 0.6X3,5X100	A.38
2749140000	SDIL 0.6X3,5X100	A.39
2749140000	SDIL 0.6X3,5X100	A.40
2749140000	SDIL 0.6X3,5X100	A.41
2749140000	SDIL 0.6X3,5X100	A.42
2749140000	SDIL 0.6X3,5X100	A.43
2749140000	SDIL 0.6X3,5X100	A.44
2749140000	SDIL 0.6X3,5X100	A.45
2749140000	SDIL 0.6X3,5X100	A.46
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2749140000	SDIL 0.6X3,5X100	A.48
2749140000	SDIL 0.6X3,5X100	A.49
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2749140000	SDIL 0.6X3,5X100	A.78
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2749140000	SDIL 0.6X3,5X100	A.82
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2749140000	SDIL 0.6X3,5X100	A.88
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2749140000	SDIL 0.6X3,5X100	A.107
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2749140000	SDIL 0.6X3,5X100	A.113
2749140000	SDIL 0.6X3,5X100	A.114
2749140000	SDIL 0.6X3,5X100	A.115
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2749140000	SDIL 0.6X3,5X100	A.119
2749140000	SDIL 0.6X3,5X100	A.120
2749140000	SDIL 0.6X3,5X100	A.121
2749140000	SDIL 0.6X3,5X100	A.122
2749140000	SDIL 0.6X3,5X100	A.128
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2749140000	SDIL 0.6X3,5X100	A.130
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2749140000	SDIL 0.6X3,5X100	A.133
2749140000	SDIL 0.6X3,5X100	A.134
2749140000	SDIL 0.6X3,5X100	A.135
2749140000	SDIL 0.6X3,5X100	A.136
2749140000	SDIL 0.6X3,5X100	A.146
2749140000	SDIL 0.6X3,5X100	A.147
2749140000	SDIL 0.6X3,5X100	A.148

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2749140000	SDIL 0.6X3,5X100	B.30
2749140000	SDIL 0.6X3,5X100	B.43
2749140000	SDIL 0.6X3,5X100	B.45
2749140000	SDIL 0.6X3,5X100	B.48
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2749140000	SDIL 0.6X3,5X100	B.66
2749140000	SDIL 0.6X3,5X100	B.68
2749140000	SDIL 0.6X3,5X100	B.70
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2749140000	SDIL 0.6X3,5X100	B.112
2749140000	SDIL 0.6X3,5X100	B.113
2749140000	SDIL 0.6X3,5X100	B.114
2749140000	SDIL 0.6X3,5X100	B.115
2749140000	SDIL 0.6X3,5X100	B.116
2749160000	SDIL 1.0X5,5X125	A.12
2749160000	SDIL 1.0X5,5X125	A.13
2749160000	SDIL 1.0X5,5X125	A.14
2749160000	SDIL 1.0X5,5X125	A.15
2749160000	SDIL 1.0X5,5X125	A.16
2749160000	SDIL 1.0X5,5X125	A.17
2749160000	SDIL 1.0X5,5X125	A.32
2749160000	SDIL 1.0X5,5X125	A.33
2749160000	SDIL 1.0X5,5X125	A.34
2749160000	SDIL 1.0X5,5X125	A.35
2749160000	SDIL 1.0X5,5X125	A.36
2749160000	SDIL 1.0X5,5X125	A.37
2749160000	SDIL 1.0X5,5X125	A.62
2749160000	SDIL 1.0X5,5X125	A.63
2749160000	SDIL 1.0X5,5X125	A.64
2749160000	SDIL 1.0X5,5X125	A.65
2749160000	SDIL 1.0X5,5X125	A.66
2749160000	SDIL 1.0X5,5X125	A.67
2749160000	SDIL 1.0X5,5X125	A.95
2749160000	SDIL 1.0X5,5X125	A.96
2749160000	SDIL 1.0X5,5X125	A.97
2749160000	SDIL 1.0X5,5X125	A.98
2749160000	SDIL 1.0X5,5X125	B.36
2749160000	SDIL 1.0X5,5X125	B.37
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2749160000	SDIL 1.0X5,5X125	B.39
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2749160000	SDIL 1.0X5,5X125	B.66
2749160000	SDIL 1.0X5,5X125	B.67
2749160000	SDIL 1.0X5,5X125	B.68
2749160000	SDIL 1.0X5,5X125	B.69
2749160000	SDIL 1.0X5,5X125	B.70
2749160000	SDIL 1.0X5,5X125	B.71
2749160000	SDIL 1.0X5,5X125	B.113
2749160000	SDIL 1.0X5,5X125	B.117
2749260000	SDS 0.4X2.0X60	A.6
2749260000	SDS 0.4X2.0X60	A.7
2749260000	SDS 0.4X2.0X60	A.26
2749260000	SD	

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2810910000	ZQV 4N/6 BK	A.171
2810920000	ZQV 4N/7 BK	A.171
2810930000	ZQV 4N/8 BK	A.171
2816930000	A3T 1.5	A.86
2816940000	A3T 1.5 BL	A.86
2816950000	AEP 3T 1.5	A.86
2816950000	AEP 3T 1.5	A.87
2816950000	AEP 3T 1.5	A.105
2816960000	A2T 4 FS-FT BK	A.111
2816970000	A2T 4 FS-FT 10-36V BK	A.111
2816980000	A2T 4 FS-FT 30-70V BK	A.111
2816990000	A2T 4 FS-FT 60-150V BK	A.111
2817000000	A2T 4 FS-FT 100-250V BK	A.111
2817010000	A2T 4 FS-FT-PE BK	A.111
2817020000	A2T 4 FS-FT-PE 10-36V BK	A.111
2817030000	A2T 4 FS-FT-PE 30-70V BK	A.111
2817040000	A2T 4 FS-FT-PE 60-150V BK	A.111
2817050000	A2T 4 FS-FT-PE 100-250V BK	A.111
2817060000	AEP 2T 4 FS	A.110
2817060000	AEP 2T 4 FS	A.111
2817060000	AEP 2T 4 FS	A.121
2817980000	A3T 1.5 VL	A.86
2817990000	A3T 1.5 FT-PE	A.87
2818000000	A3T 1.5 PE	A.105

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2820630000	A2T 2.5 EM1 D3/1	A.148
2820640000	A2T 2.5 EM1 D3/2	A.148
2820650000	ASP 2T 2.5	A.147
2820960000	APG 6/4	A.139
2820960000	APG 6/4	B.97
2829070000	APG 6/10	A.136
2829070000	APG 6/10	A.139

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2831500000	A2T 4 FS-FT	A.110
2831510000	A2T 4 FS-FT-PE	A.110
2831520000	A2T 4 DT-FT	A.110
2831520000	A2T 4 DT-FT	A.111
2831520000	A2T 4 DT-FT	A.121
2831530000	A2T 4 DT-FT-PE	A.110
2831530000	A2T 4 DT-FT-PE	A.111
2831530000	A2T 4 DT-FT-PE	A.121
2831540000	A2T 4 DT-FT W/O DTLV	A.121
2831550000	A2T 4 DT-FT-PE W/O DTLV	A.121
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2831580000	ZQV 2.5N/4 WT	A.171
2831590000	ZQV 2.5N/5 WT	A.171
2831600000	ZQV 2.5N/6 WT	A.171
2831610000	ZQV 2.5N/7 WT	A.171
2831620000	ZQV 2.5N/8 WT	A.171
2831630000	ZQV 2.5N/9 WT	A.171
2831640000	ZQV 2.5N/10 WT	A.171
2831650000	ZQV 2.5N/20 WT	A.171
2831660000	ZQV 2.5N/50 WT	A.171
2831670000	ZQV 2.5N/2 BK	A.171
2831680000	ZQV 2.5N/3 BK	A.171
2831690000	ZQV 2.5N/4 BK	A.171
2831700000	ZQV 2.5N/5 BK	A.171
2831710000	ZQV 2.5N/6 BK	A.171
2831720000	ZQV 2.5N/7 BK	A.171
2831730000	ZQV 2.5N/8 BK	A.171
2831740000	ZQV 2.5N/9 BK	A.171
2831750000	ZQV 2.5N/10 BK	A.171
2831760000	ZQV 2.5N/20 BK	A.171
2831770000	ZQV 2.5N/50 BK	A.171
2831780000	ZQV 4N/9 BK	A.171
2831790000	ZQV 4N/10 WT	A.171
2831800000	ZQV 4N/2 WT	A.171
2831810000	ZQV 4N/3 WT	A.171
2831820000	ZQV 4N/4 WT	A.171
2831830000	ZQV 4N/5 WT	A.171
2831840000	ZQV 4N/6 WT	A.171
2831850000	ZQV 4N/7 WT	A.171
2831860000	ZQV 4N/8 WT	A.171
2831870000	ZQV 4N/9 WT	A.171
2831890000	ZQV 4N/41 BK	A.171

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2842700000	AL2C 2.5	A.68
2842700000	AL2C 2.5	A.177
2842710000	AL2C 2.5 BL	A.68
2842710000	AL2C 2.5 BL	A.177
2842720000	AL2C 2.5 DBL	A.177
2842730000	AL2C 2.5 RD	A.177
2842740000	AL2C 2.5 OR	A.177
2842750000	AL2C 2.5 GN	A.177
2842760000	AL2C 2.5 VT	A.177
2842770000	AL2C 2.5 BK	A.177
2842780000	AL2C 2.5 WT	A.177
2842790000	AL2C 2.5 YL	A.177
2847300000	AL2C 2.5 LTGY	A.177
2847310000	AL2C 2.5 BR	A.177
2847320000	AL2C 2.5 FE	B.114
2847330000	AL3C 2.5	A.68
2847340000	AL3C 2.5 BL	A.68
2847350000	AL3C 2.5 DBL	A.177
2847360000	AL3C 2.5 RD	A.177
2847370000	AL3C 2.5 OR	A.177
2847380000	AL3C 2.5 GN	A.177
2847390000	AL3C 2.5 VT	A.177
2847400000	AL3C 2.5 BK	A.177
2847410000	AL3C 2.5 WT	A.177
2847420000	AL3C 2.5 YL	A.177
2847430000	AL3C 2.5 LTGY	A.177
2847440000	AL3C 2.5 BR	A.177
2847450000	AL3C 2.5 FE	B.114
2847460000	AL4C 2.5	A.69
2847470000	AL4C 2.5	A.177
2847480000	AL4C 2.5 BL	A.69
2847490000	AL4C 2.5 BL	A.177
2847500000	AL4C 2.5 WT	A.177
2847510000	AL4C 2.5 YL	A.177
2847520000	AL4C 2.5 GN	A.177
2847530000	AL4C 2.5 BK	A.177
2847540000	AL4C 2.5 WT	A.177
2847550000	AL4C 2.5 YL	A.177
2847560000	AL4C 2.5 LTGY	A.177
2847570000	AL4C 2.5 BR	A.177
2847580000	AL4C 2.5 FE	B.115
2847590000	AL2C 2.5 PE	A.98
2847600000	AL3C 2.5 PE	A.99
2847610000	AL4C 2.5 PE	A.99
2847620000	AL2T 2.5	A.83
2847630000	AL2T 2.5 VL	A.84
2847640000	AL2T 2.5 FT-PE	A.84
2847650000	AL2T 2.5 PE	A.103
2847710000	AL2C 4	A.70
2847710000	AL2C 4	A.177
2847720000	AL3C 4	A.70
2847730000	AL3C 4	A.177
2847740000	AL4C 4	A.71
2847750000	AL4C 4	A.177
2847760000	AL2C 4 PE	A.99
2847770000	AL3C 4 PE	A.100
2847780000	AL4C 4 PE	A.100
2847790000	AL2T 4	A.85
2847800000	AL2T 4 VL	A.85
2847810000	AL2T 4 FT-PE	A.85
2847820000	AL2T 4 PE	A.103
2848010000	ALEP 2T 2.5	A.83
2848020000	ALEP 2T 2.5	A.84
2848030000	ALEP 2T 2.5	A.103
2848040000	ALEP 2T 4	A.85
2848050000	ALEP 2T 4	A.103

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2860570000	AWPD 35 4X10 BL	B.28
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2871750000	ALEP 2C 2.5	A.68
2871760000	ALEP 2C 2.5	A.98
2871770000	ALEP 2C 2.5	B.114
2871780000	ALEP 2C 2.5 BL	A.68
2871790000	ALEP 2C 2.5 BL	B.114
2871700000	ALEP 3C 2.5	A.68
2871710000	ALEP 3C 2.5	A.99
2871720000	ALEP 3C 2.5	B.114
2871730000	ALEP 3C 2.5 BL	A.68
2871740000	ALEP 3C 2.5 BL	B.114
2871750000	ALEP 4C 2.5	A.69
2871760000	ALEP 4C 2.5	A.99
2871770000	ALEP 4C 2.5	B.115
2871780000	ALEP 4C 2.5 BL	A.69
2871790000	ALEP 4C 2.5 BL	B.115
2871800000	ALEP 4C 2.5 BL	B.115
2871810000	ALEP 2C 4	A.70
2871820000	ALEP 2C 4	A.99
2871830000	ALEP 2C 4	B.115
2871840000	ALEP 2C 4 BL	A.70
2871850000	ALEP 2C 4 BL	B.115
2871860000	ALEP 2C 4 BL	B.115
2871870000	ALEP 2C 4 BL	A.70
2871880000	ALEP 2C 4 BL	A.177
2871890000	AL2C 4 DBL	A.177
2871900000	AL2C 4 RD	A.177
2871910000	AL2C 4 OR	A.177
2871920000	AL2C 4 GN	A.177
2871930000	AL2C 4 VT	A.177

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2871930000	AL2C 4 BK	A.177
2871940000	AL2C 4 WT	A.177
2871950000	AL2C 4 YL	A.177
2871960000	AL2C 4 LTGY	A.177
2871970000	AL2C 4 BR	A.177
2871980000	AL2C 4 FE	B.115
2871990000	AL3C 4 BL	A.70
2871990000	AL3C 4 BL	A.177
2872000000	AL3C 4 DBL	A.177
2872010000	AL3C 4 RD	A.177
2872020000	AL3C 4 OR	A.177
2872030000	AL3C 4 GN	A.177
2872040000	AL3C 4 VT	A.177
2872050000	AL3C 4 BK	A.177
2872060000	AL3C 4 WT	A.177
2872070000	AL3C 4 YL	A.177
2872080000	AL3C 4 LTGY	A.177
2872090000	AL3C 4 BR	A.177
2872100000	AL3C 4 FE	B.115
2872110000	AL4C 4 BL	A.71
2872120000	AL4C 4 DBL	A.177
2872130000	AL4C 4 RD	A.177
2872140000	AL4C 4 OR	A.177
2872150000	AL4C 4 GN	A.177
2872160000	AL4C 4 VT	A.177
2872170000	AL4C 4 BK	A.177
2872180000	AL4C 4 WT	A.177
2872190000	AL4C 4 YL	A.177
2872200000	AL4C 4 LTGY	A.177
2872210000	AL4C 4 BR	A.177
2872220000	AL4C 4 FE	B.116
2874790000	SEP 2C 4	A.10
2874790000	SEP 2C 4	A.30
2874800000	SEP 3C 4	A.10
2874800000	SEP 3C 4	A.30
2874800000	SEP 3C 4	A.40
2874800000	SEP 3C 4	A.44
2874810000	SEP 4C 4	A.11
2874810000	SEP 4C 4	A.31
2874820000	S2C 4	A.10
2874820000	S2C 4	A.54
2874830000	S2C 4 BL	A.10
2874830000	S2C 4 BL	A.54
2874840000	S3C 4	A.10
2874840000	S3C 4	A.54
2874850000	S3C 4 BL	A.10
2874850000	S3C 4 BL	A.54
2874860000	S4C 4	A.11
2874860000	S4C 4	A.54
2874870000	S4C 4 BL	A.11
2874870000	S4C 4 BL	A.54
2874880000	S2C 4 PE	A.30
2874890000	S3C 4 PE	A.30
2874900000	S4C 4 PE	A.31
2875120000	S2C 2.5 OR	A.8
2875120000	S2C 2.5 OR	A.54
2875130000	S3C 2.5 OR	A.8
2875130000	S3C 2.5 OR	A.54
2875140000	S4C 2.5 OR	A.9
2875140000	S4C 2.5 OR	A.54
2876180000	AEP 4C 6	A.63
2876180000	AEP 4C 6	A.96
2876180000	AEP 4C 6	B.117
2876190000	AEP 4C 6 BL	A.63
2876190000	AEP 4C 6 BL	B.117
2876640000	A2C 2.5 VT	A.176

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2881450000	A4C 6	A.63
2881460000	A4C 6 BL	A.63
2881480000	A4C 6 FE	B.117
2881490000	A4C 6 PE	A.96
2881640000	APP ITB 2.5 BB BL V1	B.72
2881640000	APP ITB 2.5 BB BL V1	B.73
2881640000	APP ITB 2.5 BB BL V1	B.74
2881640000	APP ITB 2.5 BB BL V1	B.75
2881650000	APP ITB 4 BB BL V1	B.76
2881650000	APP ITB 4 BB BL V1	B.77
2882690000	APG 6/3	A.139
2882690000	APG 6/3	B.97
2882700000	APG 6/5	A.139
2882710000	APG 6/6	A.139
2882720000	APG 6/7	A.139
2882730000	APG 6/8	A.139
2882740000	APG 6/9	A.139
2882750000	APG 6/2	A.139
2882750000	APG 6/2	B.97
2883800000	ZQV 4N/20	A.168
2883810000	ZQV 4N/41	A.168
2883820000	ZQV 4N/41 BL	A.168
2883840000	ZQV 4N/41 RD	A.168

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2898120000	APGTB 1.5 FT 4C/4	A.124
2898130000	APGTB 1.5 FT 4C/4 BL	A.124
2898140000	APGTB 1.5 PE 4C/4	A.125

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2898160000	APGTB 2.5 FT 4C/4 BL	A.129
2898170000	APGTB 2.5 FE 4C/4	A.130
2898180000	AEP PGTB 1.5 4C/4	A.124
2898180000	AEP PGTB 1.5 4C/4	A.125
2898190000	AEP PGTB 2.5 4C/4	A.129
2898190000	AEP PGTB 2.5 4C/4	A.130
2898660000	ALDT 2.5 2C	A.117
2898670000	ALDT 2.5 2C BL	A.117
2898680000	ALDT 2.5 2C W/O DTLV	A.117
2898690000	ALDT 2.5 2C W/O DTLV BL	A.117
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2935550000	S2C 6 BL	A.12
2935560000	S2C 6 OR	A.12
2935570000	S3C 6	A.12
2935580000	S3C 6 BL	A.12
2935590000	S3C 6 OR	A.12
2935600000	S4C 6	A.13
2935610000	S4C 6 BL	A.13
2935620000	S4C 6 OR	A.13
2935630000	S2C 6 PE	A.32
2935640000	S3C 6 PE	A.32
2935650000	S4C 6 PE	A.33
2935660000	SEP 2C 6	A.12
2935660000	SEP 2C 6	A.32
2935670000	SEP 3C 6	A.12
2935670000	SEP 3C 6	A.32
2935680000	SEP 4C 6	A.13
2935680000	SEP 4C 6	A.33
2935680000	SEP 4C 6	A.34
2935680000	SEP 4C 6	A.35
2938210000	AL2T 2.5 BL	A.83
2938390000	L-BOXX 102 KC AITB INSTA 1	B.85

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2941210000	ADT 1.5 2C BL	A.112
2941220000	ADT 1.5 3C BL	A.112
2941230000	ADT 1.5 4C BL	A.113
2941370000	L-BOXX 102 CASE EMPTY WITH 5 TRAYS	B.85
2941420000	SDT 4 2C	A.44
2941430000	SDT 4 2C BL	A.44
2941440000	SDT 4 2C OR	A.44
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2941460000	SDT 4 2C W/O DTLV BL	A.44
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2976180000	APG 2.5 R RD	A.142

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2983260000	SDT 2.5 2C W/O DTLV OR	A.41
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2983290000	SDT 2.5 3C W/O DTLV BL	A.42
2983730000	SDT 2.5 4C W/O DTLV OR	A.43
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2986590000	S3C 1.5 BL	A.6
2986600000	S3C 1.5 OR	A.6
2986610000	S3C 1.5 PE	A.26
2986620000	S4C 1.5	A.7
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