

Panel building requires innovative ideas
Klippon® Connect delivers pioneering connectivity solutions
Let's connect.

Connectivity



Klippon® Connect

Weidmüller 

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All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

Standardized implementation of efficient solutions

Klippon® Connect universal products with PUSH IN technology

- 4** Feed-through terminal blocks
- 23** PE terminal blocks
- 32** Fuse terminal blocks
- 36** Test-disconnect terminal blocks
- 40** Pluggable terminal blocks
- 51** Accessories

Innovative ideas for panel building

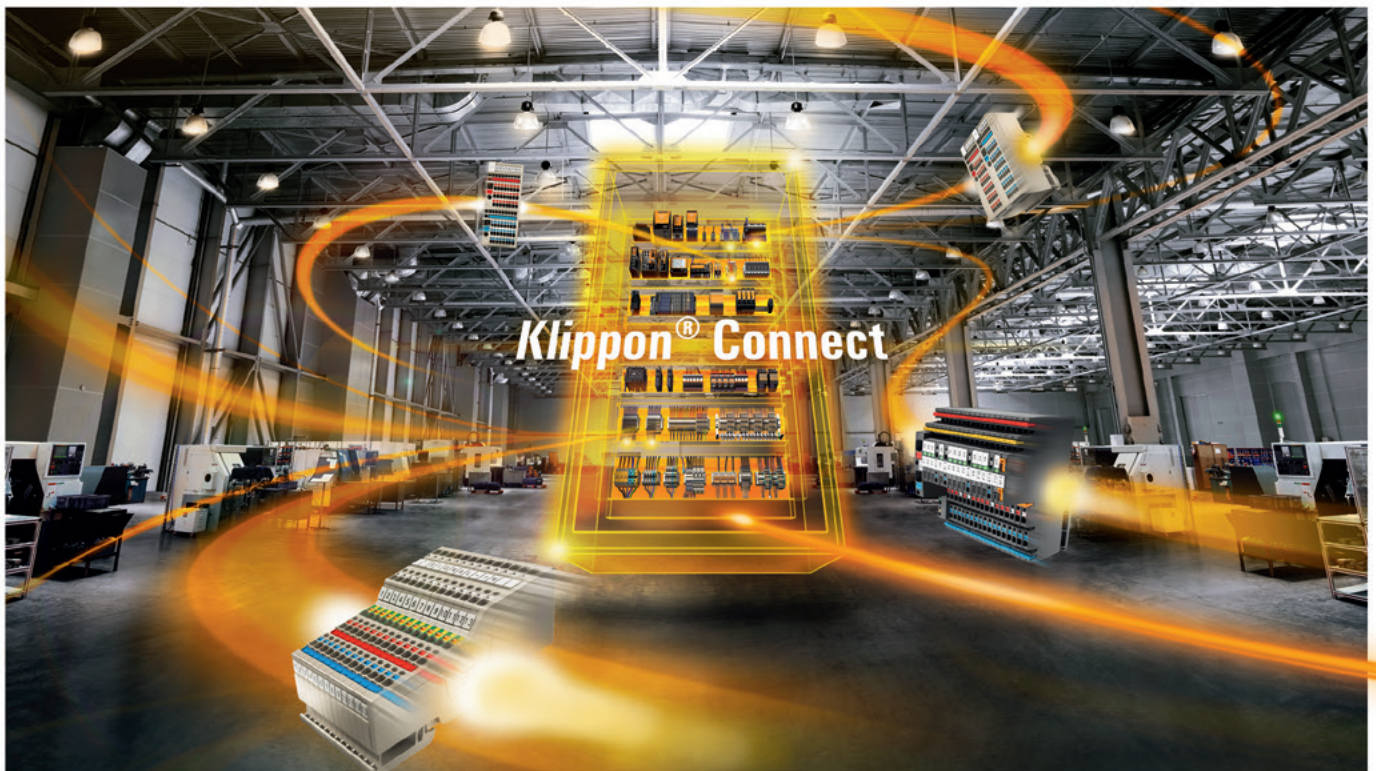
Klippon® Connect solutions for recurring applications

- 52** Signal wiring (AIO)
- 56** Control voltage distribution (AAP)
- 80** Accessories

Extra efficiency in panel planning, installation and operation Klippon® Connect offers added value at all stages

As your partner in Industrial Connectivity, we consider panel building to be an integrated process – from the planning stage all the way to installation and operation. The latest example of this is Klippon® Connect. Our offer – which consists of tailored application products, universal terminal blocks and process-supporting services – provides you with productivity benefits at all stages of the panel building process. These include benefits such as time-saving planning and project planning, faultless wiring, fast marking and much more besides.

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.



Achieving greater productivity one step at a time

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

Up to 75 percent engineering time saved

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



High wiring density with maximum ease of installation

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

Sustainably higher availability during operation

- Simpler testing procedure thanks to integrated test point
- Rewiring possible during operation without special tools thanks to PUSH IN technology with pusher
- Gas-tight connections for interference-free operation
- Flexible, simple modification and extension

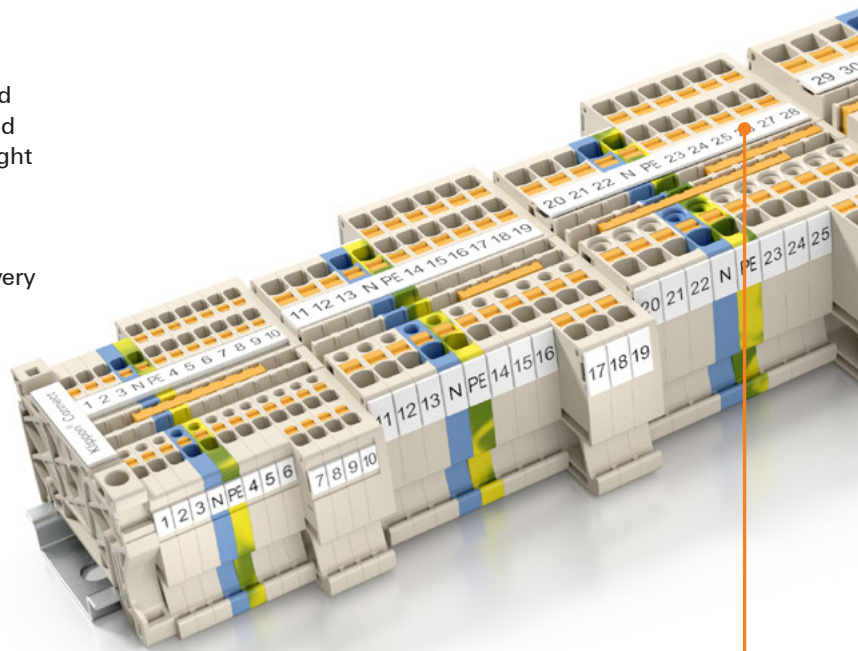
Standardized implementation of efficient solutions

Klippon® Connect universal products with PUSH IN technology

Ever more efficiency is required in installation as a result of growing competitive and cost-related pressure. Innovative connection solutions that offer both minimal installation time and maximum safety for users and equipment alike are very much in demand here.

With their simple handling and compact yet clear design, our new Klippon® Connect A-Series PUSH IN terminal blocks allow you to benefit from faster installation times and, in turn, from much higher productivity. Subsequent modifications and rewiring are possible using the simple functional principle and the two-sided, spring-loaded mounting foot without the need for any special tools. And safety is not neglected either: the innovative, spring-based direct insertion also guarantees vibration-resistant, gas-tight contacts even in challenging applications.

With our sophisticated and function-oriented Klippon® Connect universal products, you can address every requirement under the same standard.



Efficient markers

Large marking surfaces at each contact point simplify circuit allocation. The new marker strips make labelling more effective.

Your special advantages:

Take advantage of all the benefits of the PUSH IN technology

The innovative PUSH IN technology of the new Klippon® Connect A-Series reduces connection times for solid wires and wires with crimped on wire-end ferrules. They can be directly connected without tools for speed and safety. Coloured pushers prevent incorrect wiring and speed up the installation process.



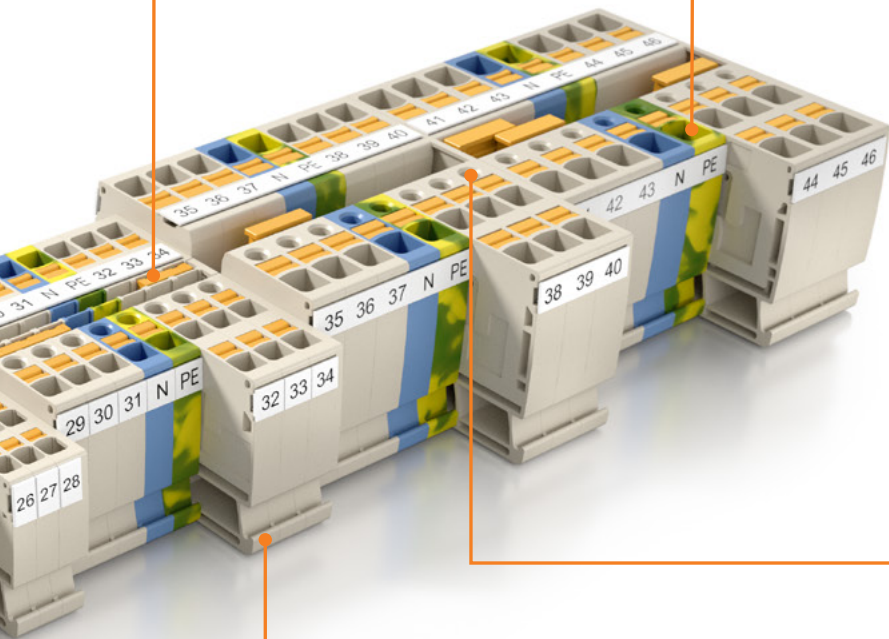
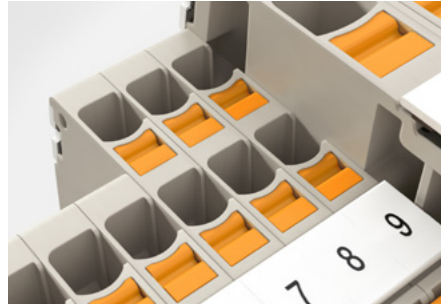
Integrated cross-connectors

Integrated cross-connection channels increase flexibility and shorten wiring times for panel building. All cross-connectors can be adapted and marked easily.



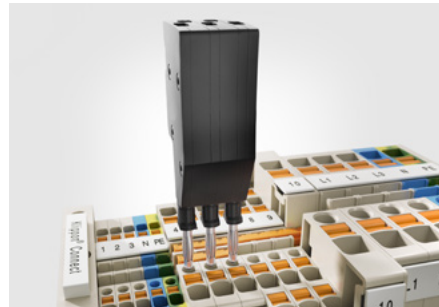
Integrated pushers

Simply pressing the pusher causes the contact to open and the conductor can be removed – and there's no need whatsoever for any special tools.



Check and test point

The standardized check and test point simplifies wiring tests and troubleshooting at every level.



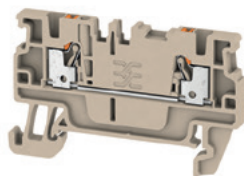
Compensating mounting foot

A spring-loaded mounting foot compensates for differences in terminal rail dimensions. This makes latching and unlatching the terminal blocks easier.



A2C 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







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 (H05V/H07V)	
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	550
17.5	13	13	15
1.5	AWG 26...14	AWG 26...14	1.5
6 kV / 3			
A1 / V-0			





TÜV16ATEX7909U

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.0	
8 / 0.4 x 2.0 mm	

Additional colored versions on page 79

Ordering data

Version	
	dark beige
	blue
Note	

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

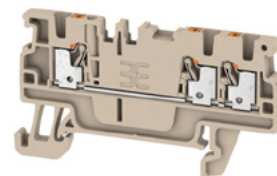
Accessories

Pluggable cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

A3C 1.5

1.5 mm²






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



IEC 60947-7-1

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
6 kV / 3			
A1 / V-0			




TÜV16ATEX7909U

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.0	
8 / 0.4 x 2.0 mm	

Additional colored versions on page 79

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

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

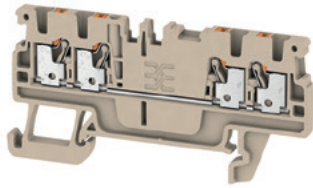
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

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

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
6 kV / 3			
A1 / V-0			

CE, RoHS, REACH, ATEX

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.0

8 / 0.4 x 2.0 mm

Approval in progress

Additional colored versions on page 79

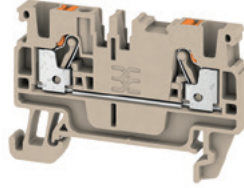
Type	Qty.	Order No.
A4C 1.5	100	1552690000
A4C 1.5 BL	100	1552700000

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

A2C 2.5

2.5 mm²



5.1 x 55 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	
2.5	AWG 28...12	AWG 28...12	2.5
8 kV / 3			
A3 / V-0			

CE, RoHS, REACH, ATEX

TÜV16ATEX7909U

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

Additional colored versions on page 79

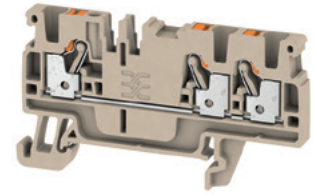
Type	Qty.	Order No.
A2C 2.5	100	1521850000
A2C 2.5 BL	100	1521880000

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

A3C 2.5

2.5 mm²



5.1 x 66.5 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	
2.5	AWG 28...12	AWG 28...12	2.5
8 kV / 3			
A3 / V-0			

CE, RoHS, REACH, ATEX

TÜV16ATEX7909U

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

Additional colored versions on page 79

Type	Qty.	Order No.
A3C 2.5	100	1521740000
A3C 2.5 BL	100	1521780000

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

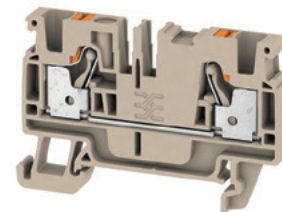
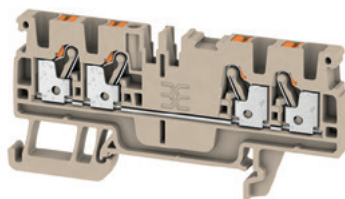
All MultiMark variants (MM) = strip markers

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 / 2.5	
0.14...2.5	

6.1 x 60 x 39.5	
32 / 4	
0.5...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 (H05V/H07V)	
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	
2.5	AWG 28...12	AWG 28...12	2.5
8 kV / 3			
A3 / V-0			

CE, RoHS, REACH, TÜV16ATEX7909U

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	

Additional colored versions on page 79

IEC 60947-7-1

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

CE, RoHS, REACH, TÜV16ATEX7909U

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

Additional colored versions on page 79

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

Pluggable cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
End plate			
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
End bracket			
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
Test adapter			
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MHR		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
Test plug			
PS 2.0 MC		20	0310000000
Screwdriver			
SDIL 0,6x3,5x100		1	9042110000
Identification systems			
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	current	Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
End plate			
AEP 2C 4		50	2051680000
AEP 2C 4 BL		50	2051690000
End bracket			
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
Test adapter			
ATPG 1.5-10 L		50	1991890000
ATPG 4 MHR		50	1991860000
Test plug			
PS 2.0 MC		20	0310000000
Screwdriver			
SDIL 0,6x3,5x100		1	9042110000
Identification systems			
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

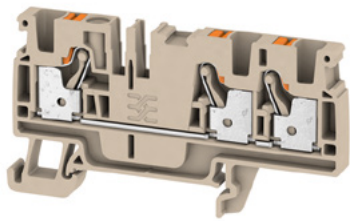
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

A3C 4

4 mm²



6.1 x 74 x 39.5
32 / 4
0.5...4



IEC 60947-7-1

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

CE TÜV16ATEX7909U

Rated connection

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

Approval in progress
Additional colored versions on page 79

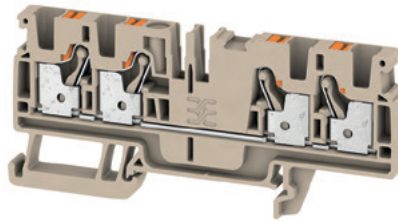
Type	Qty.	Order No.
A3C 4	50	2051240000
A3C 4 BL	50	2051280000

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 M-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

A4C 4

4 mm²



6.1 x 87.5 x 39.5
32 / 4
0.5...4



IEC 60947-7-1

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

CE TÜV16ATEX7909U

Rated connection

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

Approval in progress
Additional colored versions on page 79

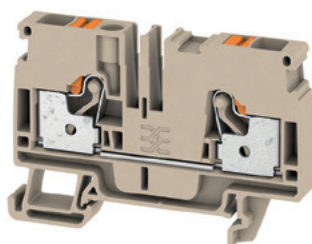
Type	Qty.	Order No.
A4C 4	50	2051500000
A4C 4 BL	50	2051520000

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 M-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

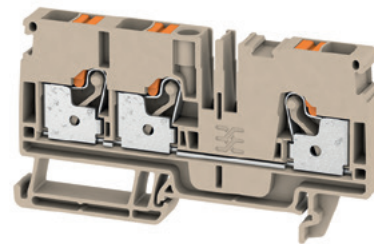
A2C 6

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 / 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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	
6	AWG 22...8	AWG 22...8	6
8 kV / 3			
A5 / V-0			

CE, RoHS, REACH, EN 60529, TÜV16ATEX7909U

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

Additional colored versions on page 79

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	
6	AWG 22...8	AWG 22...8	6
8 kV / 3			
A5 / V-0			

CE, RoHS, REACH, EN 60529, TÜV16ATEX7909U

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

Additional colored versions on page 79

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

Pluggable cross-connection	2-pole
End plate	dark beige Blue
End bracket	dark beige dark beige
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Identification systems	

Type	current	Qty.	Order No.
ZQV 6N/2	41 A	60	1985740000
AEP 2C 6		50	1991970000
AEP 2C 6 BL		50	1991950000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 6 M-R		50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
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	current	Qty.	Order No.
ZQV 6N/2	41 A	60	1985740000
AEP 3C 6		50	1991940000
AEP 3C 6 BL		20	1991910000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 6 M-R		50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
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

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

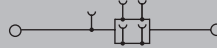
ALO 6

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
0.5...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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	blue
Note	

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
Test plug	
	Standard
Screwdriver	
	Standard
Identification systems	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	
6	AWG 22...8	AWG 22...8	6
8 kV / 3			
A5 / V-0			

CE TÜV16ATEX7909U

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

Approval in progress

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

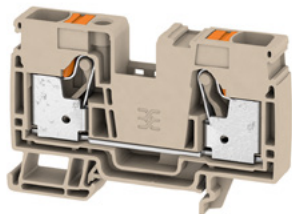
Type	current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

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

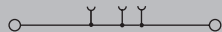
All MultiMark variants (MM) = strip markers

A2C 16

16 mm²



12 x 80.5 x 51.5
/ 16
0.75...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
76	62	62	
16	AWG 18...6	AWG 18...6	
8 kV / 3			
A6 / V-0			



Rated connection

0.75...10 / 0.75...16
0.75...16 / 1.5...16
18 / 1.0 x 5.5 mm

Approval in progress

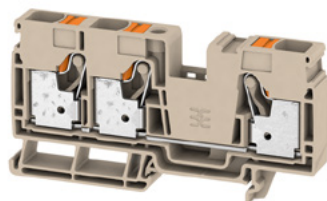
Type	Qty.	Order No.
A2C 16	20	2494000000
A2C 16 BL	20	2494100000

Type	current	Qty.	Order No.
ZQV 16N/2		25	2497290000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
AEP 3C 10/16		20	2490530000
AEP 3C 10/16 BL		20	2490540000

All MultiMark variants (MM) = strip markers

A3C 16

16 mm²



12 x 102 x 51.5
/ 16
0.75...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
76	62	62	
16	AWG 18...6	AWG 18...6	
8 kV / 3			
A6 / V-0			



Rated connection

0.75...10 / 0.75...16
0.75...16 / 1.5...16
18 / 1.0 x 5.5 mm

Approval in progress

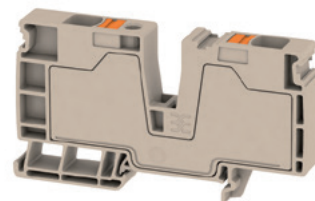
Type	Qty.	Order No.
A3C 16	20	2494090000
A3C 16 BL	20	2494080000

Type	current	Qty.	Order No.
ZQV 16N/2		25	2497290000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
AEP 3C 10/16		20	2490530000
AEP 3C 10/16 BL		20	2490540000

All MultiMark variants (MM) = strip markers

ALO 16

16 mm²



12 x 95.5 x 51.5
/ 16
0.75...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
76	62	62	
16	AWG 18...6	AWG 18...6	
8 kV / 3			
A6 / V-0			



Rated connection

0.75...10 / 0.75...16
0.75...16 / 1.5...16
18 / 1.0 x 5.5 mm

Approval in progress

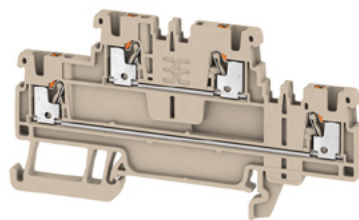
Type	Qty.	Order No.
ALO 16	20	2502280000
ALO 16 BL	20	2502320000

Type	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
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

All MultiMark variants (MM) = strip markers

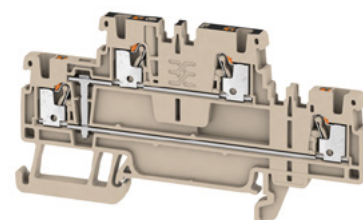
A2T 1.5

1.5 mm²



A2T 1.5 VL

1.5 mm²



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

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

3.5 x 84 x 45	
/ 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 (H05V/H07V)	
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	
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...1.0			
8 / 0.4 x 2.0 mm			
Note			
Approval in progress			

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...1.0			
8 / 0.4 x 2.0 mm			
Note			
Approval in progress			

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

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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
SNAPMARK I		50	1805880000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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
SNAPMARK I		50	1805880000

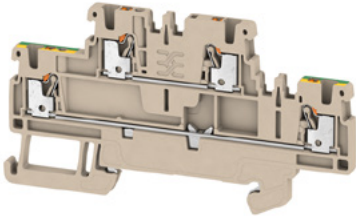
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

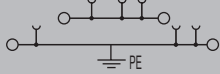
All MultiMark variants (MM) = strip markers

A2T 1.5 FT-PE

1.5 mm²



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



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

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...1.0

8 / 0.4 x 2.0 mm

Approval in progress

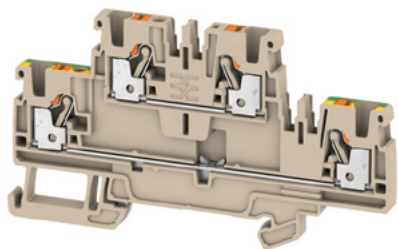
Type	Qty.	Order No.
A2T 1.5 FT-PE	50	2469390000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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
SNAPMARK I		50	1805880000

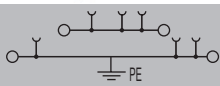
All MultiMark variants (MM) = strip markers

A2T 2.5 FT-PE

2.5 mm²



5.1 x 90 x 50.5
24 / 2.5
0.14...2.5



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

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



TÜV16ATEX7909U

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

Approval in progress

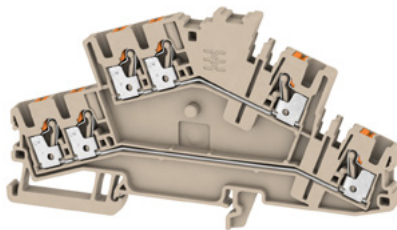
Type	Qty.	Order No.
A2T 2.5 FT-PE	50	1547640000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

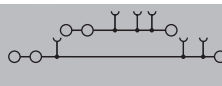
All MultiMark variants (MM) = strip markers

A2T 2.5 3C

2.5 mm²



5.1 x 114.5 x 64
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0



TÜV16ATEX7909U

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

Approval in progress

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

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5 3C		20	2532690000
AEP 2T 2.5 3C BL		20	2532700000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

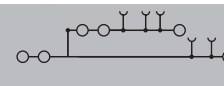
All MultiMark variants (MM) = strip markers

A2T 2.5 3C VL

2.5 mm²



5.1 x 114.5 x 64
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0



TÜV16ATEX7909U

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

Approval in progress

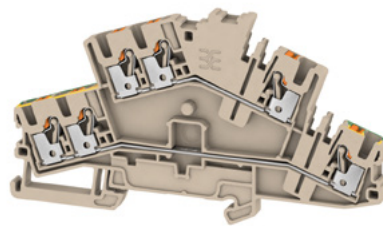
Type	Qty.	Order No.
A2T 2.5 3C VL	50	2531310000
A2T 2.5 3C VL BL	50	2531530000

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5 3C		20	2532690000
AEP 2T 2.5 3C BL		20	2532700000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

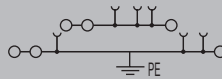
All MultiMark variants (MM) = strip markers

A2T 2.5 3C FT-PE

2.5 mm²

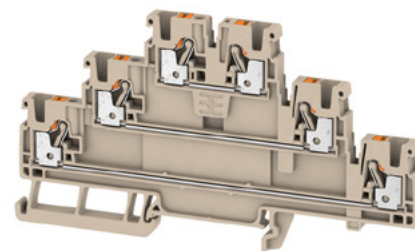


5.1 x 114.5 x 64
24 / 2.5
0.14...2.5

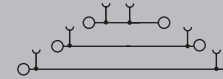


A3T 2.5

2.5 mm²



5.1 x 116 x 64.5
22 / 2.5
0.14...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 (H05V/H07V)	
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
800	300	300	550
24	20	20	21
2.5	AWG 28...14	AWG 28...14	2.5 mm ²
8 kV / 3			
A3 / V-0			
TÜV16ATEX7909U			
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			
Approval in progress			

DIN EN 60947-1

IEC	UL	CSA	EN 60079-7
800	300	300	
22	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			
Note			
Approval in progress			

Ordering data

Version	
	dark beige
	blue
Note	

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

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

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5 3C		20	2532690000
AEP 2T 2.5 3C BL		20	2532700000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

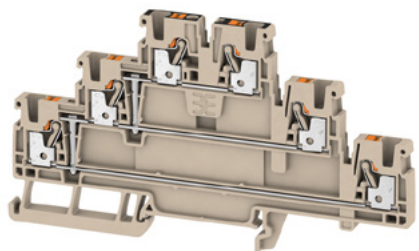
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

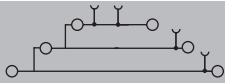
All MultiMark variants (MM) = strip markers

A3T 2.5 VL

2.5 mm²



5.1 x 116 x 64.5
24 / 2.5
0.14...2.5



DIN EN 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	
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

Approval in progress

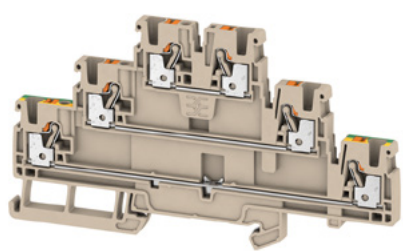
Type	Qty.	Order No.
A3T 2.5 VL	25	2428540000
A3T 2.5 VL BL	25	2428850000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

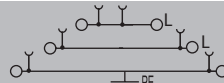
All MultiMark variants (MM) = strip markers

A3T 2.5 FT-FT-PE

2.5 mm²



5.1 x 116 x 64.5
24 / 2.5
0.14...2.5



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

IEC	UL	CSA	EN 60079-7
800	300	300	
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

Approval in progress

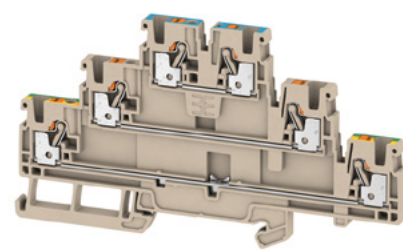
Type	Qty.	Order No.
A3T 2.5 FT-FT-PE	50	2428530000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

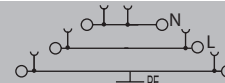
All MultiMark variants (MM) = strip markers

A3T 2.5 N-FT-PE

2.5 mm²



5.1 x 116 x 64.5
24 / 2.5
0.14...2.5



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

IEC	UL	CSA	EN 60079-7
800	300	300	
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

Approval in progress

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

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

The secure and efficient way of distributing power

Klippon® Connect provides the required flexibility

Increasing levels of automation call for many three-phase motors to be attached as efficiently as possible. Thereby, all wires of a three-phase motor need to connect to a single terminal block, which is also used for potential distribution.

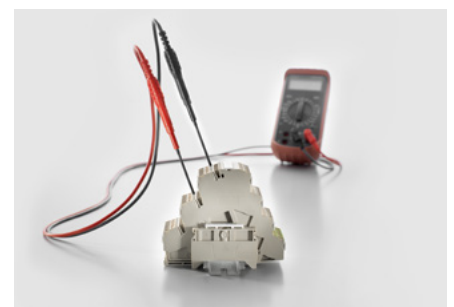
The Klippon® Connect motor connection terminal blocks AMC cut an impressive figure with their small design and the PUSH IN technology for the fast and safe wiring. Various marking options support distinctive marking.

Klippon® Connect motor connection terminal blocks AMC allow each potential to be connected to one tier of the terminal block. This potential connection within the terminal block provides reliable potential distribution.



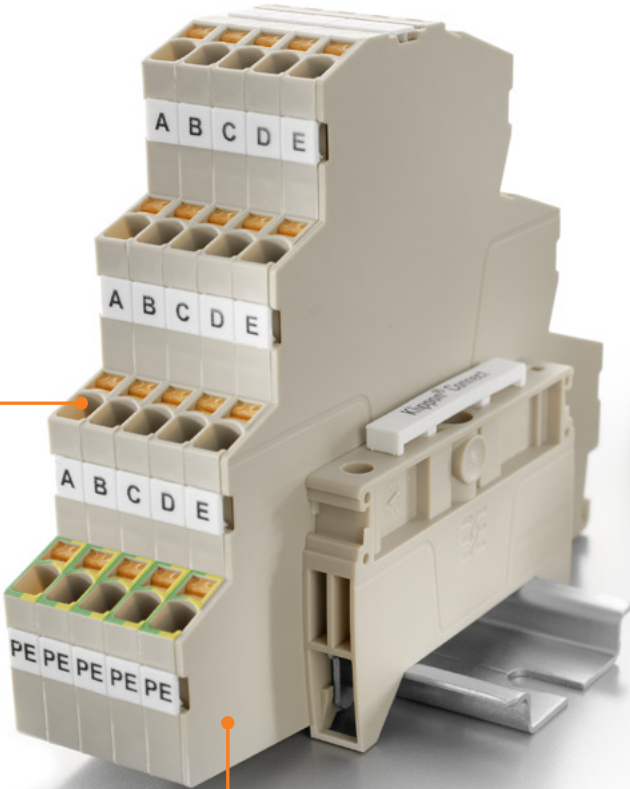
Testing point on each tier

The terminal blocks allow the recording of control measurements on each tier directly through standard 2.0 mm test plug.



Optimal level connection

The terminal blocks enable an efficient potential distribution whenever multiple tiers are connected.



Applications up to 800 V

With its integrated end plate, the terminal blocks can handle applications of up to 800 V.



Time and space saving

Fast motor connection due to PUSH IN connection with an optional wiring of three potentials and a PE on the same terminal block on a width of just 5.1 mm.



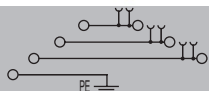
AMC 2.5

2.5 mm²



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

5.1 x 107 x 88.5
21 / 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 (H05V/H07V)	
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

IEC	UL	CSA	EN 60079-7
690	150	150	
21	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			
Approval in progress			

Ordering data

Version	
	dark beige
Note	

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
End bracket	
	dark beige
	dark beige
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZVQ 2.5/1.5	23 A	50	1720700000
AEP MC 2.5		25	2433820000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

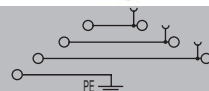
AMC 2.5 800 V

2.5 mm²



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

6.1 x 107 x 88.5
21 / 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	
21	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			
Approval in progress			

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

Type	current	Qty.	Order No.
ZVQ 2.5/1.5	23 A	50	1720700000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

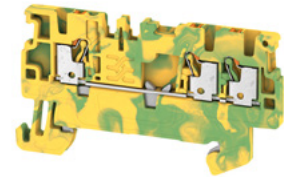
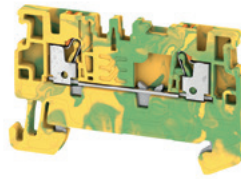
All MultiMark variants (MM) = strip markers

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	
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal for wire cross-section	kV mm ²
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
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
500	300	300	
6			
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
180 A (1.5 mm ²)			
3			
A1 / V-0			
		TÜV16ATEX7909U	
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.0			
8 / 0.4 x 2.0 mm			
Note			
Approval in progress			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
500	300	300	
6			
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
180 A (1.5 mm ²)			
3			
A1 / V-0			
		TÜV16ATEX7909U	
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.0			
8 / 0.4 x 2.0 mm			
Note			
Approval in progress			

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
End bracket	dark beige dark beige
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Identification systems	

Type	current	Qty.	Order No.
AEP 2C 1.5		50	1552600000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

Type	current	Qty.	Order No.
AEP 3C 1.5		50	1552620000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

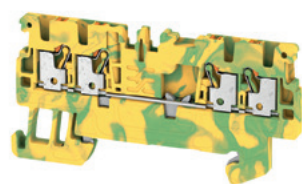
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

A4C 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 67.5 x 33.5	
/ 1.5	
0.14...1.5	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal for wire cross-section	kV mm ²
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	green/yellow
Note	

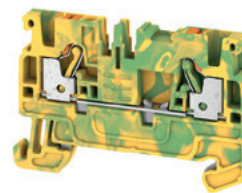
Accessories

End plate	dark beige
End bracket	dark beige
Test adapter	1-pole stackable 3-pole 5-pole
Test plug	
Screwdriver	Standard
Identification systems	

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

A2C 2.5 PE

2.5 mm²



5.1 x 55 x 36.5	
/ 2.5	
0.14...2.5	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		

CE TÜV SÜD ENEC TÜV16ATEX7909U

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

Type	Qty.	Order No.
A2C 2.5 PE	50	1521680000

Type	current	Qty.	Order No.
AEP 2C 2.5		50	1514400000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
6			
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
	180 A (1.5 mm ²)		
	3		
	A1 / V-0		

CE TÜV SÜD ENEC TÜV16ATEX7909U

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1.0	
8 / 0.4 x 2.0 mm	

Note

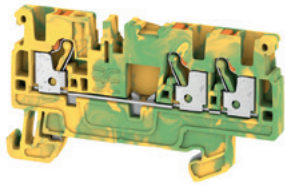
Type	Qty.	Order No.
A4C 1.5 PE	50	1552660000

Type	current	Qty.	Order No.
AEP 4C 1.5		50	1552640000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

A3C 2.5 PE

2.5 mm²



5.1 x 66.5 x 36.5
/ 2.5
0.14...2.5

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
300 A (2.5 mm ²)			
3			
A3 / V-0			

CE TÜV16ATEX7909U

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

Approval in progress

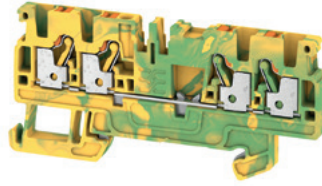
Type	Qty.	Order No.
A3C 2.5 PE	50	1521670000

Type	current	Qty.	Order No.
AEP 3C 2.5		50	1521510000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

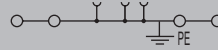
All MultiMark variants (MM) = strip markers

A4C 2.5 PE

2.5 mm²



5.1 x 77.5 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
300 A (2.5 mm ²)			
3			
A3 / V-0			

CE TÜV16ATEX7909U

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

Approval in progress

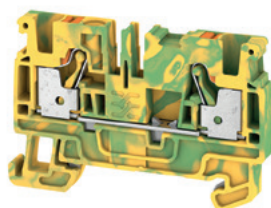
Type	Qty.	Order No.
A4C 2.5 PE	50	1521540000

Type	current	Qty.	Order No.
AEP 4C 2.5		50	1521530000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

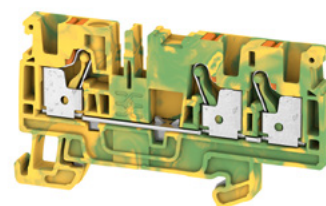
A2C 4 PE

4 mm²



A3C 4 PE

4 mm²



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

6.1 x 60 x 39.5	
/ 4	
0.5...4	

6.1 x 74 x 39.5	
/ 4	
0.5...4	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal for wire cross-section	kV mm ²
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
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
800	600	600	
8			
4	AWG 28...10	AWG 26...10	4 mm ²
480 A (4 mm ²)			
3			
A4 / V-0			
			TÜV16ATEX7909U
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
4	AWG 28...10	AWG 26...10	4 mm ²
480 A (4 mm ²)			
3			
A4 / V-0			
			TÜV16ATEX7909U
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

Note

Approval in progress

Approval in progress

Ordering data

Version	green/yellow
Note	

Type	Qty.	Order No.
A2C 4 PE	50	2051360000

Type	Qty.	Order No.
A3C 4 PE	50	2051410000

Accessories

End plate	dark beige
End bracket	dark beige dark beige
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Identification systems	

Type	current	Qty.	Order No.
AEP 2C 4		50	2051680000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 M-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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	current	Qty.	Order No.
AEP 3C 4		20	2051720000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 M-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

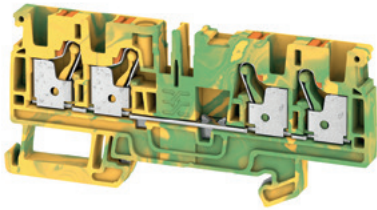
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

A4C 4 PE

4 mm²



6.1 x 87.5 x 39.5
/ 4
0.5...4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
4	AWG 28...10	AWG 26...10	4 mm ²
	480 A (4 mm ²)		
	3		
	A4 / V-0		

CE TÜV16ATEX7909U

Rated connection

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

Approval in progress

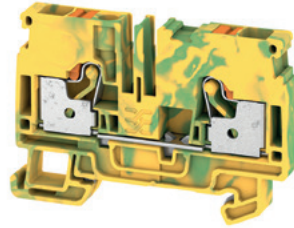
Type	Qty.	Order No.
A4C 4 PE	50	2051560000

Type	current	Qty.	Order No.
AEP 4C 4		20	2051900000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 MI-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

A2C 6 PE

6 mm²



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



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
6	AWG 22...8	AWG 22...8	6 mm ²
	720 A (6 mm ²)		
	3		
	A5 / V-0		

CE TÜV16ATEX7909U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Approval in progress

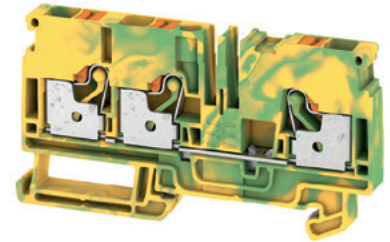
Type	Qty.	Order No.
A2C 6 PE	50	1991810000

Type	current	Qty.	Order No.
AEP 2C 6		50	1991970000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 6 MI-R		50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS	500		2448860000
DEK 5/8 PLUS MC NE WS	800		1046350000
WS-A 8/8 MM WS	500		2448930000
WS 10/8 PLUS MC NE WS	420		1905950000

All MultiMark variants (MM) = strip markers

A3C 6 PE

6 mm²



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



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
6	AWG 22...8	AWG 22...8	6 mm ²
	720 A (6 mm ²)		
	3		
	A5 / V-0		

CE TÜV16ATEX7909U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Approval in progress

Type	Qty.	Order No.
A3C 6 PE	50	1991850000

Type	current	Qty.	Order No.
AEP 3C 6		50	1991940000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 6 MI-R		50	1991930000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
DEK-A 5/8 MM WS	500		2448860000
DEK 5/8 PLUS MC NE WS	800		1046350000
WS-A 8/8 MM WS	500		2448930000
WS 10/8 PLUS MC NE WS	420		1905950000

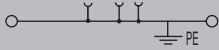
All MultiMark variants (MM) = strip markers

A2C 16 PE

16 mm²



12 x 80.5 x 51.5
/ 16
0.75...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	600	600	
16	AWG 18...6	AWG 18...6	
	3		
	A6 / V-0		



Rated connection

0.75...10 / 0.75...16
0.75...16 / 1.5...16
18 / 1.0 x 5.5 mm

Approval in progress

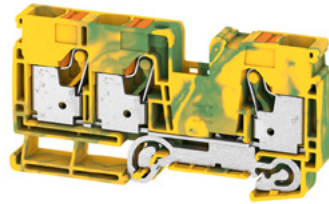
Type	Qty.	Order No.
A2C 16 PE	20	2494010000

Type	current	Qty.	Order No.
AEP 2C 10/16		20	2490380000
AEB 35 SC/1	50		1991920000
ZEW 35/2	20		8630740000
PS 2.0 MC		20	0310000000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

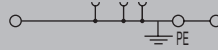
All MultiMark variants (MM) = strip markers

A3C 16 PE

16 mm²



12 x 102 x 51.5
/ 16
0.75...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	600	600	
16	AWG 18...6	AWG 18...6	
	3		
	A6 / V-0		



Rated connection

0.75...10 / 0.75...16
0.75...16 / 1.5...16
18 / 1.0 x 5.5 mm

Approval in progress

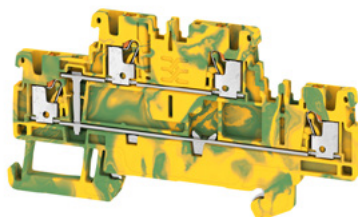
Type	Qty.	Order No.
A3C 16 PE	20	2494020000

Type	current	Qty.	Order No.
AEP 3C 10/16		20	2490530000
AEB 35 SC/1	50		1991920000
ZEW 35/2	20		8630740000
PS 2.0 MC		20	0310000000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

All MultiMark variants (MM) = strip markers

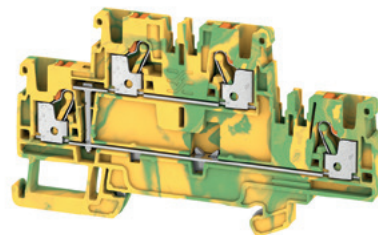
A2T 1.5 PE

1.5 mm²



A2T 2.5 PE

2.5 mm²



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

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

5.1 x 90 x 50.5	
/ 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal for wire cross-section	kV mm ²
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
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
500	300	300	
6			
1.5	AWG 26...14	AWG 26...14	
180 A (1.5 mm ²)			
3			
A1 / V-0			

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
800	600	600	
8			
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
300 A (2.5 mm ²)			
3			
A3 / V-0			

Note

	Rated connection
	0.5...1.5 / 0.5...1.5
	0.5...1.5 / 0.5...1.0
	8 / 0.4 x 2.0 mm
	Approval in progress

	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
	Approval in progress

Ordering data

Version	green/yellow
Note	

Type	Qty.	Order No.
A2T 1.5 PE	50	2469410000

Type	Qty.	Order No.
A2T 2.5 PE	50	1547680000

Accessories

End plate	dark beige
End bracket	dark beige
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Identification systems	

Type	current	Qty.	Order No.
AEP 2T 1.5		20	2469420000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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
SNAPMARK I		50	1805880000

Type	current	Qty.	Order No.
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

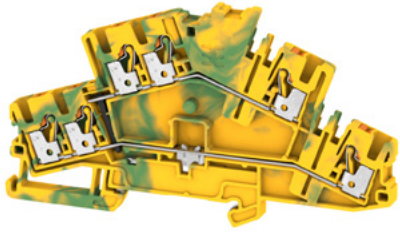
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

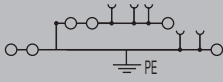
All MultiMark variants (MM) = strip markers

A2T 2.5 3C PE

2.5 mm²



5.1 x 114.2 x 64
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
2.5	AWG 28...12	AWG 28...12	
300 A (2.5 mm ²)			
3			
A3 / V-0			

Rated connection

0.5...2.5 / 0.5...2.5

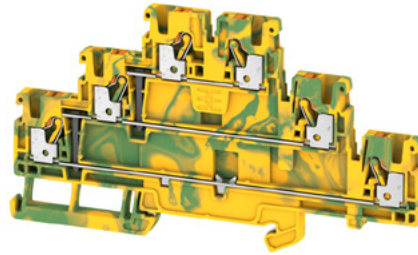
0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

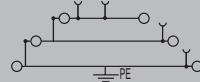
Approval in progress

A3T 2.5 PE

2.5 mm²



5.1 x 116 x 64.5
/ 2.5
0.14...2.5



DIN EN 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
8			
2.5	AWG 28...12	AWG 28...12	
300 A (2.5 mm ²)			
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

Approval in progress

Type	Qty.	Order No.
A2T 2.5 3C PE	50	2531320000

Type	Qty.	Order No.
A3T 2.5 PE	50	2428560000

Type	current	Qty.	Order No.
AEP 2T 2.5 3C		20	2532690000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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	current	Qty.	Order No.
AEP 3T 2.5		20	2428560000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

Safety, protection and reliable disconnection of electrical circuits Klippon® Connect combines protective functions and quick assembly

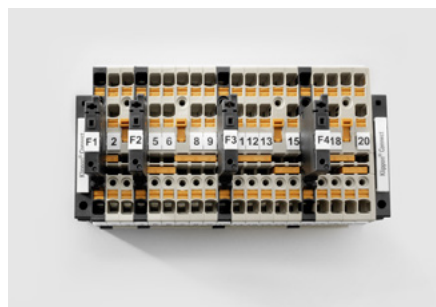
Current protection, disconnection, and voltage distribution are critical functions inside a panel. In order to provide staff and machinery with optimal protection, customisable connection solutions have to combine these aspects within a single system.

The new Klippon® Connect disconnect and fuse terminal blocks with PUSH IN technology offer passive current protection in combination with both disconnection and voltage distribution.

The terminal blocks from our universal range guarantee a high level of flexibility. Their compact dimensions enable a flexible installation even under confined space conditions.

Functional clarity

In terms of their design, the terminal blocks are clearly distinguishable according to functionality and thus ensure safe and efficient maintenance work.



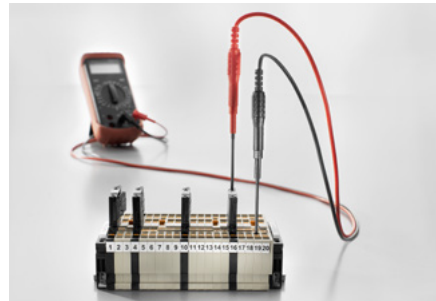
Attached fuse holder

Each fuse holder is attached to a terminal block with a hinge. This means that it will not go missing when the circuit is disconnected or when a fuse is replaced.



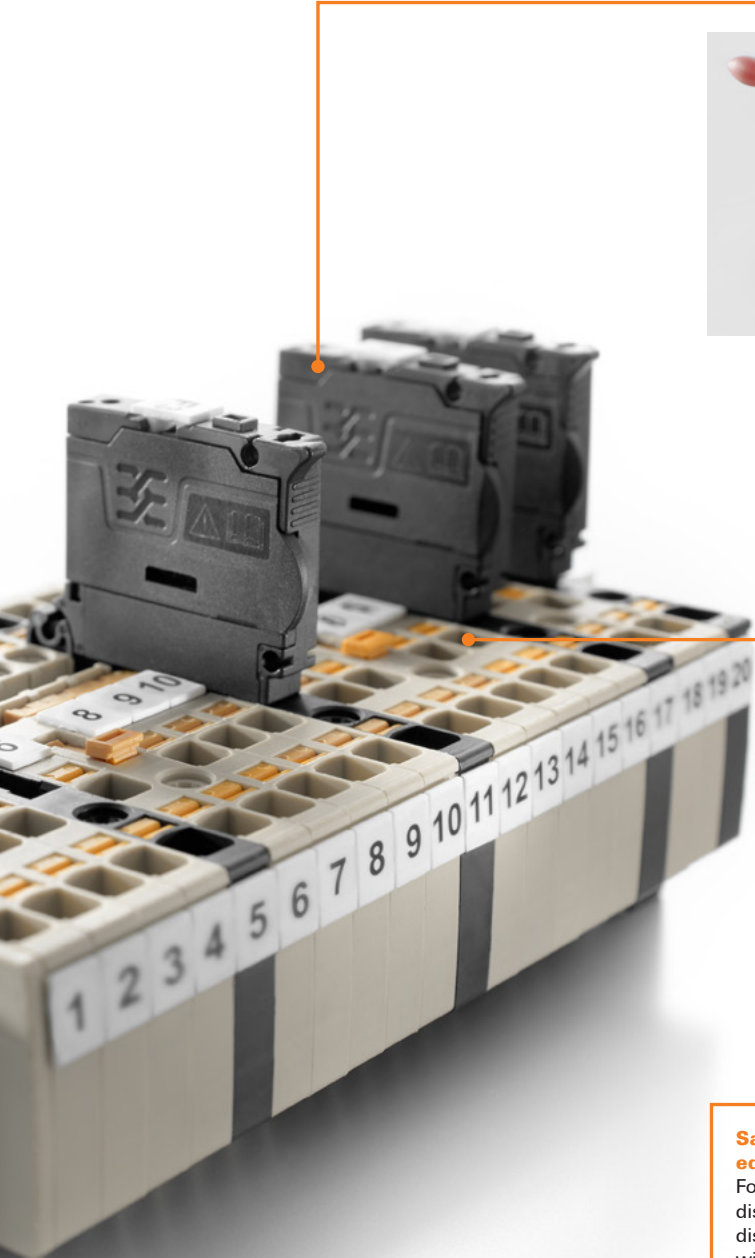
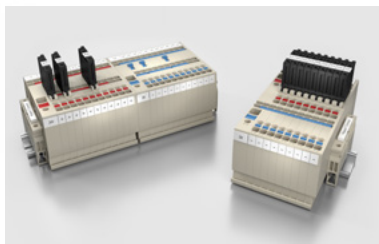
Integrated test point

The integrated test point simplifies troubleshooting and maintenance: Any required measurements can be performed with a standard 2.0 mm testing plug.



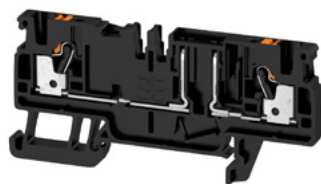
Safe power supply to panel equipment

For an efficient control voltage distribution, Weidmüller offers potential distribution terminal blocks with and without fuse.



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 / 2.5
2.5...2.5

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 (H05V/H07V)	
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			
10			
2.5			
	/ 3		
	A3 /		
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			
The electrical data are determined by the fuse and fault indication.			

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
Blade-fuse inserts: from 42 V observe protection against contact.		

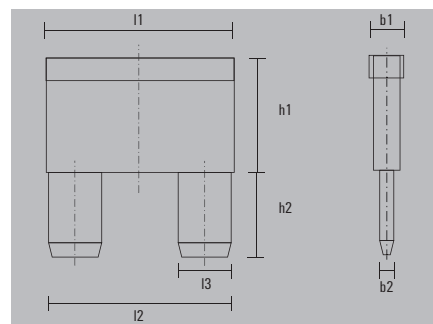
Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	Black
Test plug	
Terminal blocks identical in contour	
Screwdriver	
	Standard
Identification systems	

Type	current	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		100	1521740000
A3C 2.5 PE		50	1521670000
ADT 2.5 2C		50	1989800000
A2C 2.5 /DT/FS		100	1989900000
A2C 2.5 PE /DT/FS		50	1989890000
SDIL 0,6x3,5x100		1	9042110000
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

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

dimensions in mm

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 / 4
0.5...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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

DIN EN 60947-7-3

IEC	UL	CSA	EN 60079-7
500	150	150	
6.3	10	10	
4	AWG 26...10	AWG 26...10	
/ 3			
A4 / V-0			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

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

Ordering data

Version	
	500 V AC/DC, without LED
	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 BK/BL	50	2548140000
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
Note		

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	Black
Test plug	
Terminal blocks identical in contour	
Screwdriver	Standard
Identification systems	
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	current	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		50	2051240000
A3C 4 PE		50	2051410000
SDIL 0,6x3,5x100		1	9042110000
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		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000

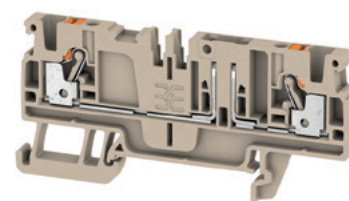
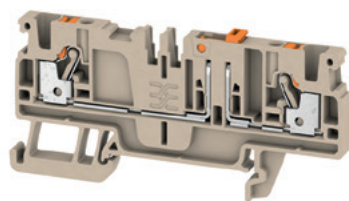
For detailed information on other accessories and application in the online catalogue

ADT 2.5 2C

2.5 mm²

ADT 2.5 2C W/O DTLV

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	
20 / 2.5	
0.14...2.5	

5.1 x 77.5 x 36.5	
20 / 2.5	
0.14...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 (H05V/H07V)	
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	400
20	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5
6 kV / 3			
A3 / V-0			

CE ATEX TÜV16ATEX7339U

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	

Approval in progress

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			

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	

Approval in progress

Ordering data

Version	
	dark beige
	blue
	without isolator
Note	

Type	Qty.	Order No.
ADT 2.5 2C	50	1989800000
ADT 2.5 2C BL	50	1989810000

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

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
End plate			
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
End bracket			
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
Test adapter			
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
Test plug			
PS 2.0 MC		20	0310000000
Screwdriver			
SDIL 0,6x3,5x100		1	9042110000
Identification systems			
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	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
End plate			
AEP 4C 2.5		50	1521530000
AEP 4C 2.5 BL		50	1521640000
End bracket			
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
Test adapter			
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
Test plug			
PS 2.0 MC		20	0310000000
Screwdriver			
SDIL 0,6x3,5x100		1	9042110000
Identification systems			
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

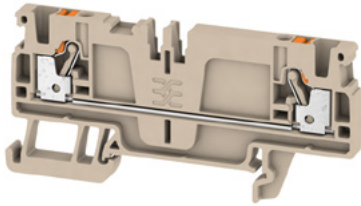
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

A2C 2.5 /DT/FS

2.5 mm²



5.1 x 77.5 x 36.5
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			

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

Approval in progress

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

Type	current	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
ZEW 35	20	9540000000

ATPG 1.5-10 L	50	1991890000
ATPG 2.5 MI-R	50	1991960000
ATPG 2.5/3	25	2041190000
ATPG 2.5/5	25	2041180000

PS 2.0 MC	20	0310000000
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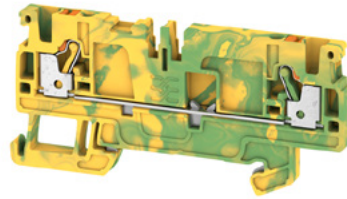
SDIL 0,6x3,5x100	1	9042110000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

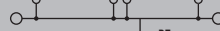
All MultiMark variants (MM) = strip markers

A2C 2.5 PE /DT/FS

2.5 mm²



5.1 x 77.5 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	
/ 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

Approval in progress

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

Type	current	Qty.	Order No.

AEP 4C 2.5	50	1521530000
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AEB 35 SC/1	50	1991920000
ZEW 35	20	9540000000

ATPG 1.5-10 L	50	1991890000
ATPG 2.5 MI-R	50	1991960000
ATPG 2.5/3	25	2041190000
ATPG 2.5/5	25	2041180000

PS 2.0 MC	20	0310000000
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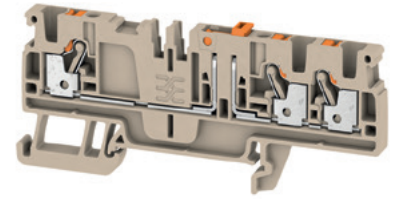
SDIL 0,6x3,5x100	1	9042110000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

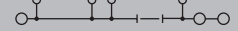
All MultiMark variants (MM) = strip markers

ADT 2.5 3C

2.5 mm²



5.1 x 84.5 x 37.65
20 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	400
20	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5
6 kV / 3			
A3 / V-0			

CE TÜV16ATEX7339U

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

Approval in progress

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

Type	current	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
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AEB 35 SC/1	50	1991920000
ZEW 35	20	9540000000

ATPG 1.5-10 L	50	1991890000
ATPG 2.5 MI-R	50	1991960000
ATPG 2.5/3	25	2041190000
ATPG 2.5/5	25	2041180000

PS 2.0 MC	20	0310000000
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SDIL 0,6x3,5x100	1	9042110000
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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

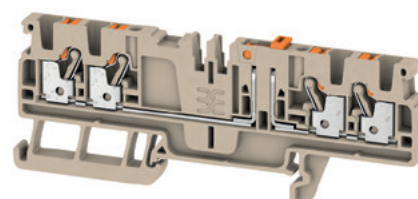
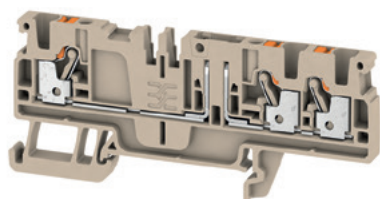
All MultiMark variants (MM) = strip markers

ADT 2.5 3C W/O DTLV

2.5 mm²

ADT 2.5 4C

2.5 mm²



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

5.1 x 84.5 x 36.5	
20 / 2.5	
0.14...2.5	

5.1 x 96 x 37.65	
20 / 2.5	
0.14...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 (H05V/H07V)	
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			

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	

Approval in progress

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	400
20	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5
6 kV / 3			
A3 / V-0			

CE TÜV16ATEX7339U

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	

Approval in progress

Ordering data

Version	
	dark beige
	blue
	without isolator
Note	

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

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L			
		50	1991890000
ATPG 2.5 MI-R			
		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC			
		20	0310000000
SDIL 0,6x3,5x100			
		1	9042110000
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	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L			
		50	1991890000
ATPG 2.5 MI-R			
		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC			
		20	0310000000
SDIL 0,6x3,5x100			
		1	9042110000
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

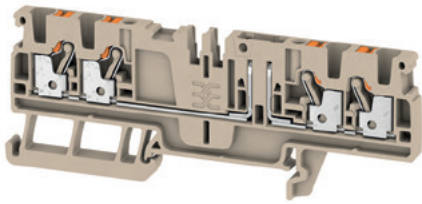
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

ADT 2.5 4C W/O DTLV

2.5 mm²



5.1 x 96 x 36.5
20 / 2.5
0.14...2.5



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			

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

Approval in progress

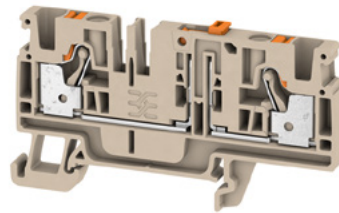
Type	Qty.	Order No.
ADT 2.5 4C W/O DTLV	50	1989950000

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 2.5 MI-R		50	1991960000
ATPG 2.5/3		25	2041190000
ATPG 2.5/5		25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

ADT 4 2C

4 mm²



6.1 x 74 x 41
20 / 4
0.5...4



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500	600	600	
24	20	20	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
A4 / V-0			

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Approval in progress

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

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 4 MI-R		50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

Fast, flexible and efficient connection of functional units

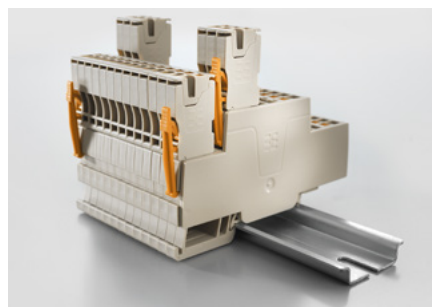
Klippon® Connect modular pluggable terminal blocks

Modular and flexible connection techniques are in demand especially where entire functional units have to be prefabricated or replaced. Pluggable terminal blocks accelerate the assembly and simplify the exchange of functional units and the disassembly of parts for transport.

Klippon® Connect pluggable terminal blocks with PUSH IN connection technology combine the advantages of our unique connection technology with the flexibility of our connectors. They enable the quick and easy exchange of functional units in the control cabinet. The system works reliably even under the harshest conditions, and it is therefore also suitable for railway and ship applications.

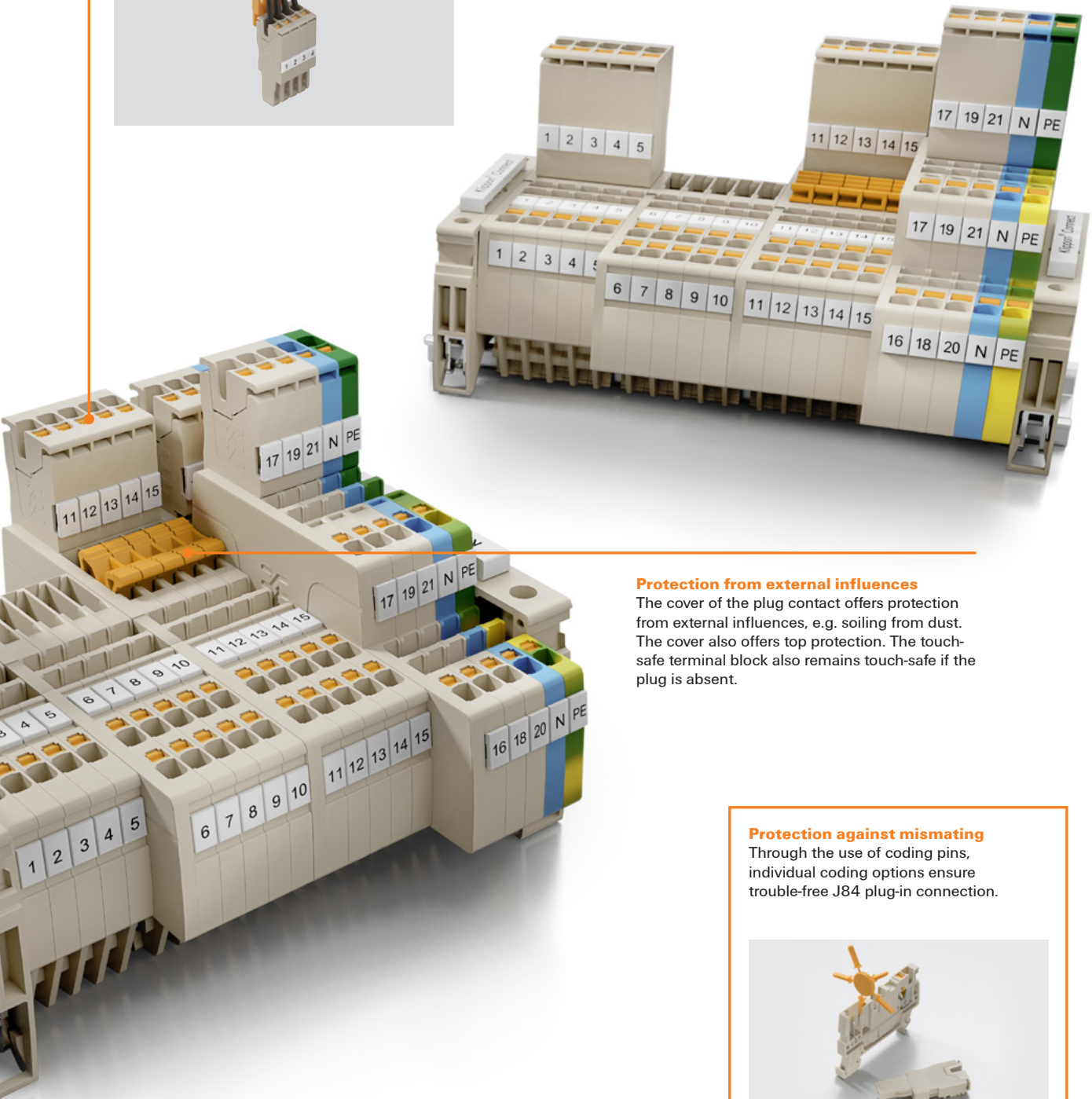
Vibration resistance

All plugs can be connected safely and simply with the base terminal via the locking element. This protects your wiring from inadvertent disconnection of the connector.



Protection against mechanical loading

The strain relief protects the contact against mechanical stress and protects the connector against inadvertent release from the contact point.



Protection from external influences

The cover of the plug contact offers protection from external influences, e.g. soiling from dust. The cover also offers top protection. The touch-safe terminal block also remains touch-safe if the plug is absent.

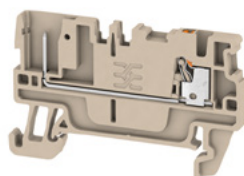
Protection against mismatching

Through the use of coding pins, individual coding options ensure trouble-free J84 plug-in connection.



APGTB 1.5 FT 2C/1

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		

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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm ² /-
Note	

IEC 60947-7-1, IEC 61984

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...1.0	
8 / 0.4 x 2.0 mm	

Approval in progress

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

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Plug	
Test plug	
Screwdriver	
	Standard
Identification systems	

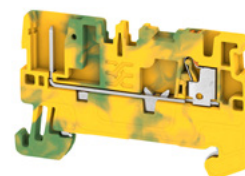
Type	current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2C 1.5		50	1552600000
AEP 2C 1.5 BL		50	1552610000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

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

APGTB 1.5 PE 2C/1

1.5 mm²



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

IEC 60947-7-2, IEC 61984

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...1.0	
8 / 0.4 x 2.0 mm	

Approval in progress

Type	Qty.	Order No.
APGTB 1.5 PE 2C/1	50	2482220000

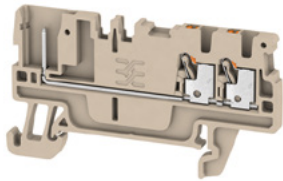
Type	current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2C 1.5		50	1552600000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

APGTB 1.5 FT 3C/1

1.5 mm²



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



IEC 60947-7-1, IEC 61984

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...1.0
8 / 0.4 x 2.0 mm

Approval in progress

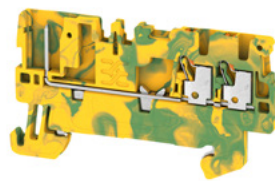
Type	Qty.	Order No.
APGTB 1.5 FT 3C/1	50	2482180000
APGTB 1.5 FT 3C/1 BL	50	2482190000

Type	current	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
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

APGTB 1.5 PE 3C/1

1.5 mm²



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



IEC 60947-7-2, IEC 61984

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...1.0
8 / 0.4 x 2.0 mm

Approval in progress

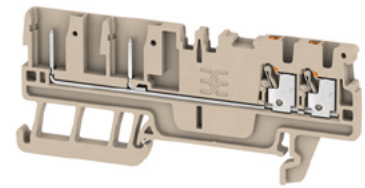
Type	Qty.	Order No.
APGTB 1.5 PE 3C/1	50	2482230000

Type	current	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
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

APGTB 1.5 FT 4C/2

1.5 mm²



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



IEC 60947-7-1, IEC 61984

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...1.0
8 / 0.4 x 2.0 mm

Approval in progress

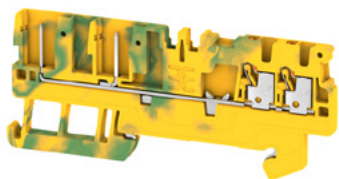
Type	Qty.	Order No.
APGTB 1.5 FT 4C/2	50	2482200000
APGTB 1.5 FT 4C/2 BL	50	2482210000

Type	current	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
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

APGTB 1.5 PE 4C/2

1.5 mm²



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

IEC 60947-7-2, IEC 61984

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...1.0	
8 / 0.4 x 2.0 mm	

Approval in progress

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/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	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm ² /-

Note

Ordering data

Version	
	dark beige
	blue
	green/yellow
Note	

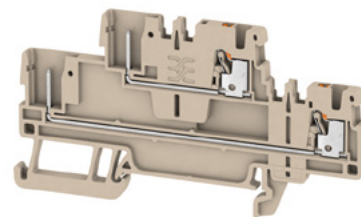
Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Plug	
Test plug	
Screwdriver	
	Standard
Identification systems	

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

APGTB 1.5 2T 4C/2

1.5 mm²



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

IEC 60947-7-1, IEC 61984

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...1.0	
8 / 0.4 x 2.0 mm	

Approval in progress

Type	Qty.	Order No.
APGTB 1.5 PE 4C/2	50	2482240000

Type	current	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
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

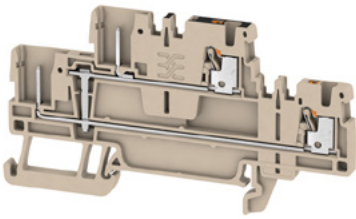
Type	Qty.	Order No.
APGTB 1.5 2T 4C/2	50	2485840000
APGTB 1.5 2T 4C/2 BL	50	2485850000

Type	current	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
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

APGTB 1.5 2T VL 4C/2

1.5 mm²



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



IEC 60947-7-1, IEC 61984

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...1.0
8 / 0.4 x 2.0 mm

Approval in progress

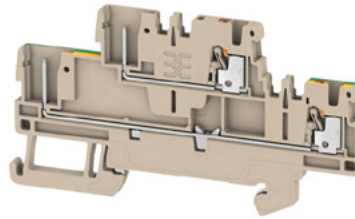
Type	Qty.	Order No.
APGTB 1.5 2T VL 4C/2	50	2485920000
APGTB 1.5 2T VL 4C/2 BL	50	2485930000

Type	current	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
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

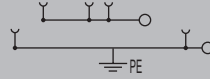
All MultiMark variants (MM) = strip markers

APGTB 1.5 2T FT PE 4C/2

1.5 mm²



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



IEC 60947-7-1, IEC 61984, IEC 60947-2

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...1.0
8 / 0.4 x 2.0 mm

Approval in progress

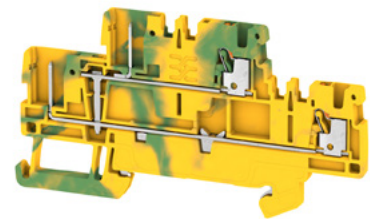
Type	Qty.	Order No.
APGTB 1.5 2T FT-PE 4C/2	50	2485860000

Type	current	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
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

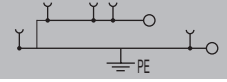
All MultiMark variants (MM) = strip markers

APGTB 1.5 2T PE 4C/2

1.5 mm²



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



IEC 60947-7-2, IEC 61984

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...1.0
8 / 0.4 x 2.0 mm

Approval in progress

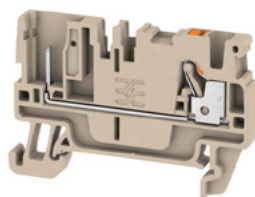
Type	Qty.	Order No.
APGTB 1.5 2T PE 4C/2	50	2485870000

Type	current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
APG 1.5/1		50	2482340000
APG 1.5/10		20	2482430000
APG 1.5 MI		50	2482280000
APG 1.5 L		50	2482250000
APG 1.5 R		50	2482310000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

APGTB 2.5 FT 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 / 2.5	
0.14...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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1, IEC 61984

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

TÜV16ATEX7940U

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	

Approval in progress

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

Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Plug	
Test plug	
Screwdriver	
	Standard
Identification systems	

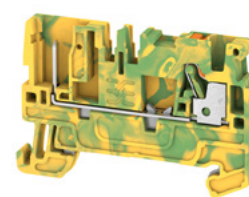
Type	current	Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000
AEP 2C 2.5 BL		50	1514420000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

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

APGTB 2.5 PE 2C/1

2.5 mm²



5.1 x 54 x 36.5	
/ 2.5	
0.14...2.5	

IEC 60947-7-2, IEC 61984

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

TÜV16ATEX7909U

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	

Approval in progress

Type	Qty.	Order No.
APGTB 2.5 PE 2C/1	50	1513870000

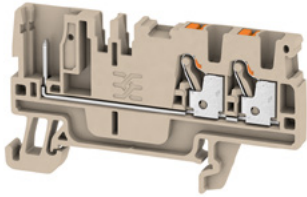
Type	current	Qty.	Order No.
AEP 2C 2.5		50	1514400000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 PLUS MC 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

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

APGTB 2.5 FT 3C/1

2.5 mm²



5.1 x 66.5 x 36.5
24 / 2.5
0.14...2.5



IEC 60947-7-1, IEC 61984

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

ATEX TÜV16ATEX7940U	
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	
Approval in progress	

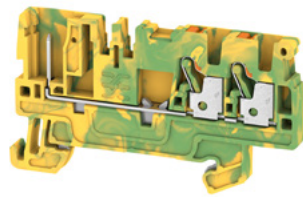
Type	Qty.	Order No.
APGTB 2.5 FT 3C/1	50	1514000000
APGTB 2.5 FT 3C/1 BL	50	1514020000

Type	current	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
ZEW 35		20	9540000000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
SDIL 0,6x3,5x100		1	9042110000
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 MC NE WS		720	1792000000

All MultiMark variants (MM) = strip markers

APGTB 2.5 PE 3C/1

2.5 mm²



5.1 x 66.5 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2, IEC 61984

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

ATEX TÜV16ATEX7909U	
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	
Approval in progress	

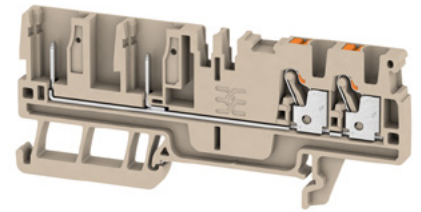
Type	Qty.	Order No.
APGTB 2.5 PE 3C/1	50	1513890000

Type	current	Qty.	Order No.
AEP 3C 2.5		50	1521510000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
SDIL 0,6x3,5x100		1	9042110000
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 MC NE WS		720	1792000000

All MultiMark variants (MM) = strip markers

APGTB 2.5 FT 4C/2

2.5 mm²



5.1 x 87 x 36.5
24 / 2.5
0.14...2.5



IEC 60947-7-1, IEC 61984

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

ATEX TÜV16ATEX7940U	
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	
Approval in progress	

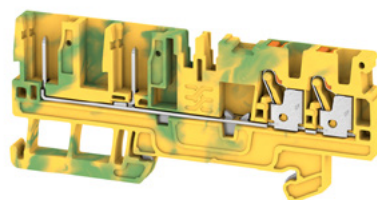
Type	Qty.	Order No.
APGTB 2.5 FT 4C/2	50	1514030000
APGTB 2.5 FT 4C/2 BL	50	1514040000

Type	current	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
ZEW 35		20	9540000000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
SDIL 0,6x3,5x100		1	9042110000
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 MC NE WS		720	1792000000

All MultiMark variants (MM) = strip markers

APGTB 2.5 PE 4C/2

2.5 mm²



5.1 x 87 x 36.5
/ 2.5
0.14...2.5

Width/Height/Depth mm
max. current / max. cond. cross-section -/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	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	blue
	green/yellow
Note	

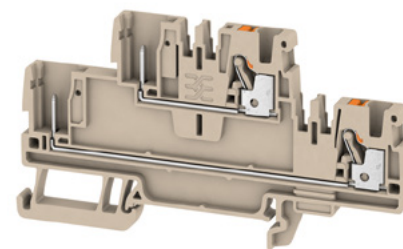
Accessories

Pluggable cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige
	dark beige
Plug	
Test plug	
Screwdriver	
	Standard
Identification systems	

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

APGTB 2.5 2T 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
800	600	600	800
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5
8 kV / 3			
A3 / V-0			
TÜV16ATEX7909U			
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			
Approval in progress			

Type	Qty.	Order No.
APGTB 2.5 2T 4C/2	50	1548060000
APGTB 2.5 2T 4C/2 BL	50	1548070000

Type	current	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
ZEW 35/2		20	8630740000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

IEC 60947-7-2, IEC 61984

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	2.5
8 kV / 3			
A3 / V-0			
TÜV16ATEX7909U			
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			
Approval in progress			

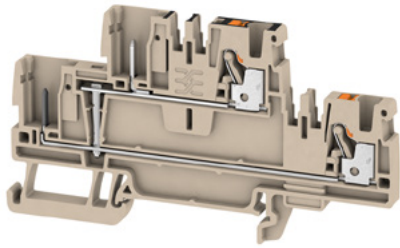
Type	Qty.	Order No.
APGTB 2.5 PE 4C/2	50	1513920000

Type	current	Qty.	Order No.
AEP PGTB 2.5 4C/2		50	1514450000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
SDIL 0,6x3,5x100		1	9042110000
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 MC NE WS	720		1792000000

All MultiMark variants (MM) = strip markers

APGTB 2.5 2T VL 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1, IEC 61984

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

UL, TÜV 16ATEX7940U

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

Approval in progress

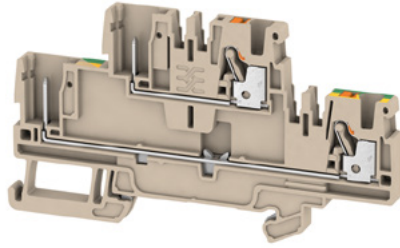
Type	Qty.	Order No.
APGTB 2.5 2T VL 4C/2	50	1548140000
APGTB 2.5 2T VL 4C/2 BL	50	1548150000

Type	current	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
ZEW 35/2		20	8630740000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

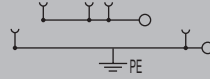
All MultiMark variants (MM) = strip markers

APGTB 2.5 2T FT-PE 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1, IEC 60947-7-2, IEC 61984

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

UL, TÜV 16ATEX7940U

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

Approval in progress

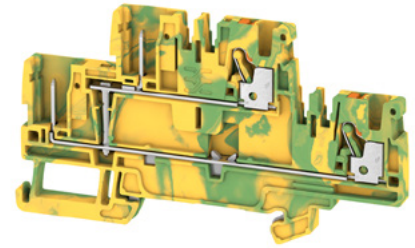
Type	Qty.	Order No.
APGTB 2.5 2T FT-PE 4C/2	50	1548130000

Type	current	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
ZEW 35/2		20	8630740000
APG 2.5/1		50	1513720000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

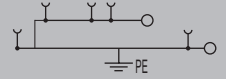
All MultiMark variants (MM) = strip markers

APGTB 2.5 2T PE 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-2, IEC 61984

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

UL, TÜV 16ATEX7909U

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

Approval in progress

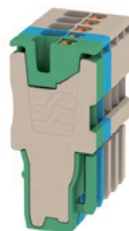
Type	Qty.	Order No.
APGTB 2.5 2T PE 4C/2	50	1548160000

Type	current	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
ZEW 35/2		20	8630740000
APG 2.5/10		20	1513770000
APG 2.5 MI		50	1513880000
APG 2.5 L		50	1513830000
APG 2.5 R		50	1513940000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

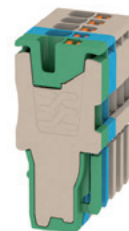
APG 1.5...

1.5 mm²



APG 2.5...

2.5 mm²



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

3.5 x 14 x 31.15
/ 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
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 (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
500	300	600	
17.5	13	20	
1.5	AWG 26...14	AWG 26...14	
6 kW / 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			
8 / 0.4 x 2.0 mm			
Note			
Approval in progress			

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			
Approval in progress			

Ordering data

Version	
1-pin	
2-pin	
3-pin	
4-pin	
5-pin	
6-pin	
7-pin	
8-pin	
9-pin	
10-pin	
3-pole/BG-BL-GN	
4-pole/3BG-GN	
5-pole/3BG-BL-GN	
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 1.5/4-3BG-GN	25	2482450000
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 2.5/4-3BG-GN	25	1513790000
APG 2.5/5-3BG-BL-GN	25	1513780000
Note		

Accessories

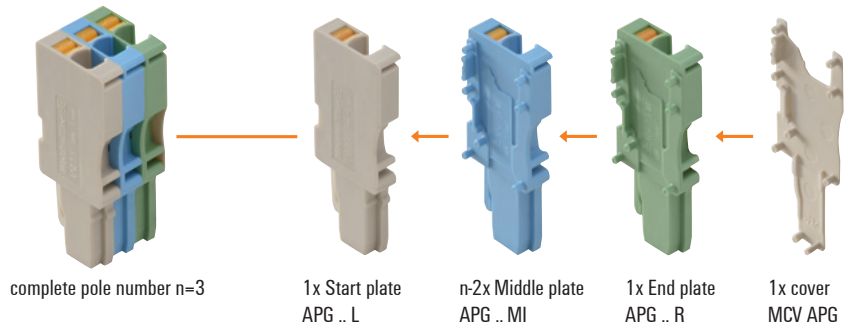
End plate	
	dark beige
Coding	
Cover	
Interlock	
Strain relief	
Identification systems	
For detailed information on other accessories and application in the online catalogue	

Type	current	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 1.5/4		25	2482740000
APGSR 1.5/8		25	2482750000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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
All MultiMark variants (MM) = strip markers			

Type	current	Qty.	Order No.
MCV APG 2.5		50	2035590000
APGCE		50	1514490000
APGPC 2.5		50	1514500000
APGLE 2.5		25	2457570000
APGSR 2.5		25	2457580000
APGSR 2.5/4		25	2457590000
APGSR 2.5/8		25	2457600000
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 MC NE WS		720	1792000000
All MultiMark variants (MM) = strip markers			

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

Start plate



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

APG 2.5

Middle plate or end plate



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

Ordering data	Single plates
	Start plate
	Middle plate
	End plate
	Cover
Note	

Strain relief / protective cover

- ZVR ZP Strain relief transmits mechanical forces to the plastic housing and protects the contact point
- ZAD ZT / ZPS Finger protection Protects the contact point from dirt

APGSR

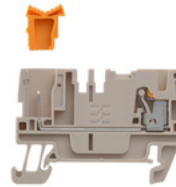
Strain reliefs



Type	Qty.	Order No.
APGSR 1.5	25	2482730000
APGSR 1.5/4	25	2482740000
APGSR 1.5/8	25	2482750000
APGSR 2.5	25	2457580000
APGSR 2.5/4	25	2457590000
APGSR 2.5/8	25	2457600000

APGPC

Protective cover



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

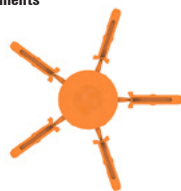
Ordering data	Strain reliefs / protective cover
	1.5 mm²
	2.5 mm²
Note	

Coding elements

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

APGCE

Coding elements



Type	Qty.	Order No.
APGCE	50	1514490000

Ordering data	Coding elements
	1.5 mm² / 2.5 mm²
Note	

Locking elements

- ZVR ZP to interlock with the terminal block
- ZVR ZPS interlock, plug – socket

APGLE

Locking element



Ordering data	Locking elements
	1.5 mm²
	2.5 mm²
Note	

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

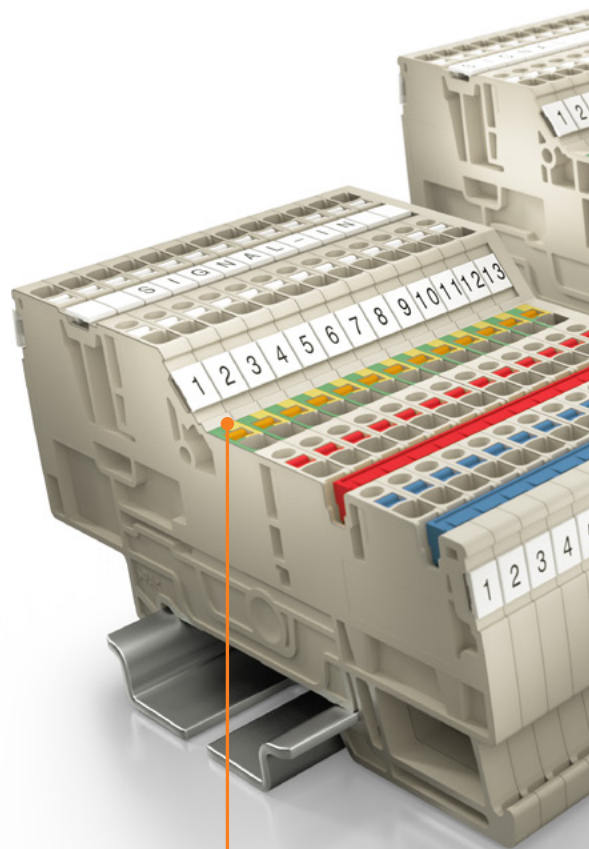
Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest of spaces

With the current levels of automation, a large number of sensors monitor the production process. Terminal blocks are therefore particularly important for signal wiring.

Compared with conventional wiring solutions, the Klippon® Connect initiator/actuator terminal blocks AIO allow for high wiring densities with up to four different potentials on a width of just 3.5 mm. When combined with an I/O system, they ensure effective and safe potential distribution.

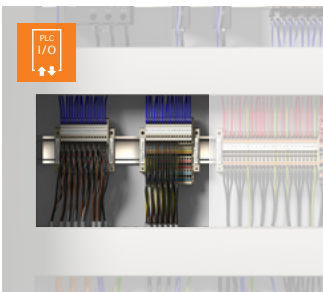
Our signal wiring solutions are geared towards future automation needs and are available in many different design types. The large number of variants allows you to benefit from maximum flexibility when it comes to designing the signal feed.



Your special advantages:

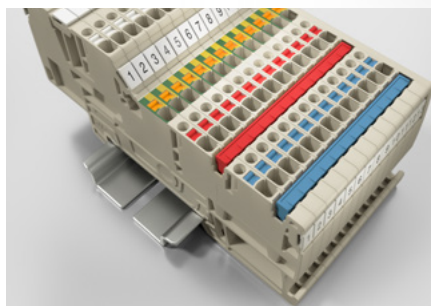
The pioneering solution in the structured distribution of initiator and actuator signals

Klippon® Connect initiator/actuator terminal blocks AIO provide tailored and particularly compact solutions for wiring initiator and actuator signals.



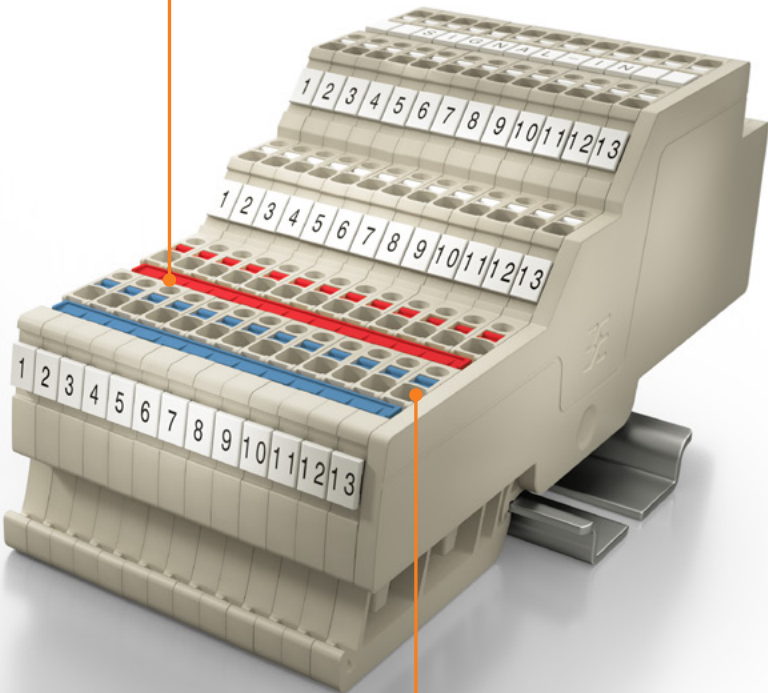
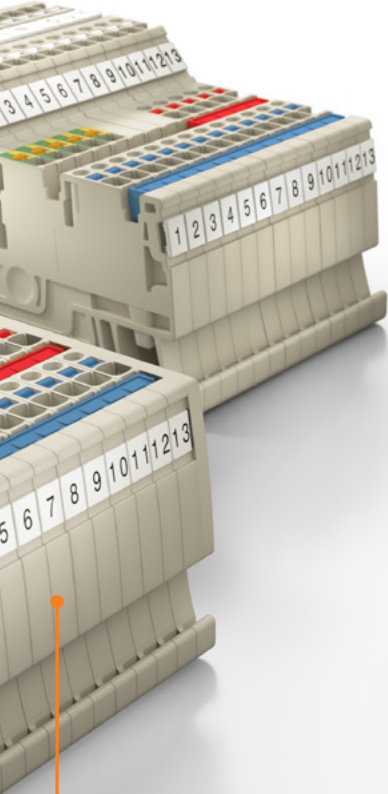
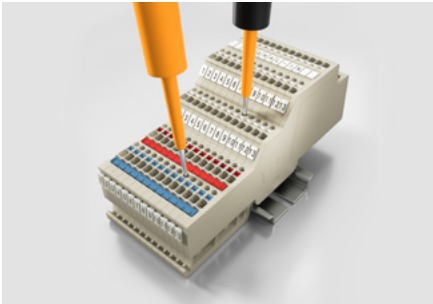
The Klippon® Connect initiator/actuator terminal blocks AIO resolve the challenge of wiring the large number of signals in a clear way by means of an extremely high wiring density with multiple potentials on a single terminal

Coloured pushers
Each conductor – positive, negative, signal or PE – has its own colour. Incorrect wiring is prevented, while installation and maintenance are made more efficient.



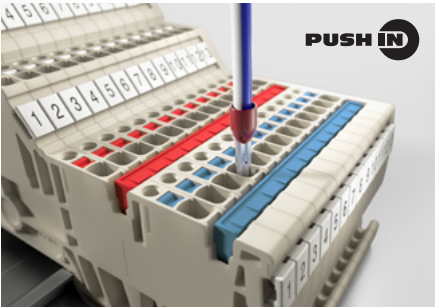
Check and test point

The different potentials can be tested at every contact point. Testing work in the panel is significantly speed up.



PUSH IN technology

Both rigid conductors and conductors with wire-end ferrules can be reliably connected directly and without the need for any tools. For maximum contact security in a minimum amount of time.



Many variants

Whether it's for three- or four-conductor initiators or actuators with and without a protective earth connection, we've got the perfect terminal block in our range.

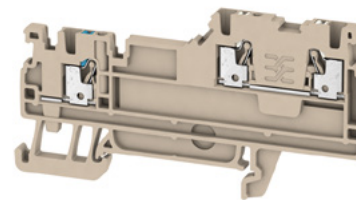
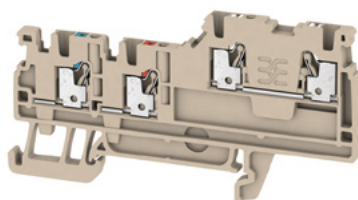
AIO – sensor-actuator terminal blocks

AI021 1.5 SI

1.5 mm²

AI021 1.5 SO

1.5 mm²



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

3.5 x 80 x 42	
13.5 / 1.5	
0.14...1.5	

3.5 x 80 x 42	
13.5 / 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 (H05V/H07V)	
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	150 (D)	150 (D)	220
13.5	13 (D)	13 (D)	12
1.5	AWG 26...14	AWG 26...14	1.5
4 kV / 3			
A1 / V-0			
CE		ATEX TÜV17ATEX8031U	
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.0			
8 / 0.4 x 2.0 mm			
Approval in progress			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150 (D)	150 (D)	220
13.5	13 (D)	13 (D)	12
1.5	AWG 26...14	AWG 26...14	1.5
4 kV / 3			
A1 / V-0			
CE		ATEX TÜV17ATEX8031U	
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.0			
8 / 0.4 x 2.0 mm			
Approval in progress			

Ordering data

Version	
Note	

Type	Qty.	Order No.
AI021 1.5 SI	100	1992260000

Type	Qty.	Order No.
AI021 1.5 SO	100	1992240000

Accessories

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate	
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Identification systems	

Type	current	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	
ZEW 35	20	9540000000	
ATPG 1.5-10 L	50	1991890000	
ATPG 1.5 MI-R	50	1991880000	
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60	1	9037160000	
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	
WS 10/3.5 PLUS MC NE WS	960	2003760000	

Type	current	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	
ZEW 35	20	9540000000	
ATPG 1.5-10 L	50	1991890000	
ATPG 1.5 MI-R	50	1991880000	
PS 2.0 MC	20	0310000000	
SDS 0.4X2.0X60	1	9037160000	
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	
WS 10/3.5 PLUS MC NE WS	960	2003760000	

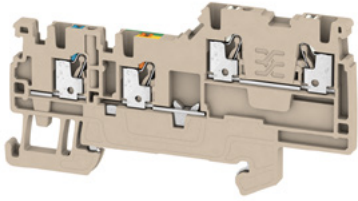
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

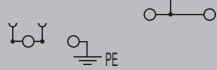
All MultiMark variants (MM) = strip markers

AI021 1.5 SO-PE

1.5 mm²



3.5 x 80 x 42
13.5 / 1.5
0.14...1.5

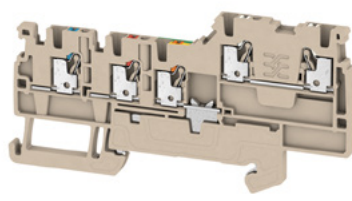


In accordance with IEC 60947-7-1

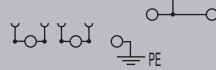
IEC	UL	CSA	EN 60079-7
250	150 (D)	150 (D)	220
13.5	13 (D)	13 (D)	12
1.5	AWG 26...14	AWG 26...14	1.5

AI022 1.5 SI-PE

1.5 mm²



3.5 x 89 x 45
13.5 / 1.5
0.14...1.5

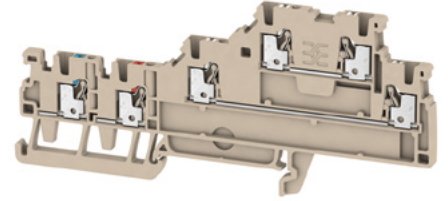


In accordance with IEC 60947-7-1

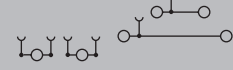
IEC	UL	CSA	EN 60079-7
250	150 (D)	150 (D)	220
13.5	13 (D)	13 (D)	12
1.5	AWG 26...14	AWG 26...14	1.5

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

IEC	UL	CSA	EN 60079-7
250	150 (D)	150 (D)	220
13.5	13 (D)	13 (D)	12
1.5	AWG 26...14	AWG 26...14	1.5

CE TÜV17ATEX8031U

Rated connection

0.5...1.5 / 0.5...1.5
 0.5...1.5 / 0.5...1.0
 8 / 0.4 x 2.0 mm

Approval in progress

CE TÜV17ATEX8031U

Rated connection

0.5...1.5 / 0.5...1.5
 0.5...1.5 / 0.5...1.0
 8 / 0.4 x 2.0 mm

Approval in progress

CE TÜV17ATEX8031U

Rated connection

0.5...1.5 / 0.5...1.5
 0.5...1.5 / 0.5...1.0
 8 / 0.4 x 2.0 mm

Approval in progress

Type	Qty.	Order No.
AI021 1.5 SO-PE	100	1992250000

Type	Qty.	Order No.
AI022 1.5 SI-PE	100	1992230000

Type	Qty.	Order No.
AI023 1.5 2SI	50	1992220000

Type	current	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
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
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
WS 10/3.5 PLUS MC NE WS		960	2003760000

Type	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO22		50	1993590000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
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
WS 10/3.5 PLUS MC NE WS		960	2003760000

Type	current	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP IO23		50	1993600000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
ATPG 1.5-10 L		50	1991890000
ATPG 1.5 MI-R		50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	9037160000
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
WS 10/3.5 PLUS MC NE WS		960	2003760000

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

Safe supply for consumers in the panel

Klippon® Connect for optimum control voltage distribution

In control circuits, electrical energy from the power supply is distributed to downstream consumers in the panel. In order to guarantee safe supply of power, a confusingly high number of conductors must be connected, which can lead to incorrect wiring.



Our Klippon® Connect control voltage distribution terminal blocks AAP with and without fuse allow the simple and compact construction of complete control voltage distribution. They ensure effective control voltage for the equipment in the panel. The unique modular concept can be tailored individually to each machine type.

The potential distribution terminal blocks AAP impress with their standardized design with two possible structures – alternating or grouped. Simple cross-connection options save space and installation time and prevent incorrect wiring.

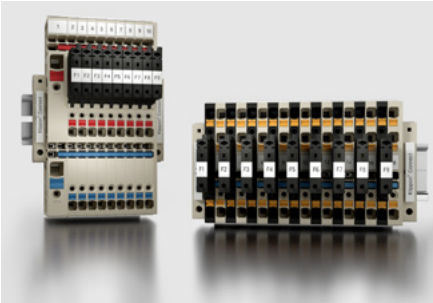
Coloured pushers

The colours make distinguishing between the different potentials easy. Time-consuming and costly troubleshooting is prevented.



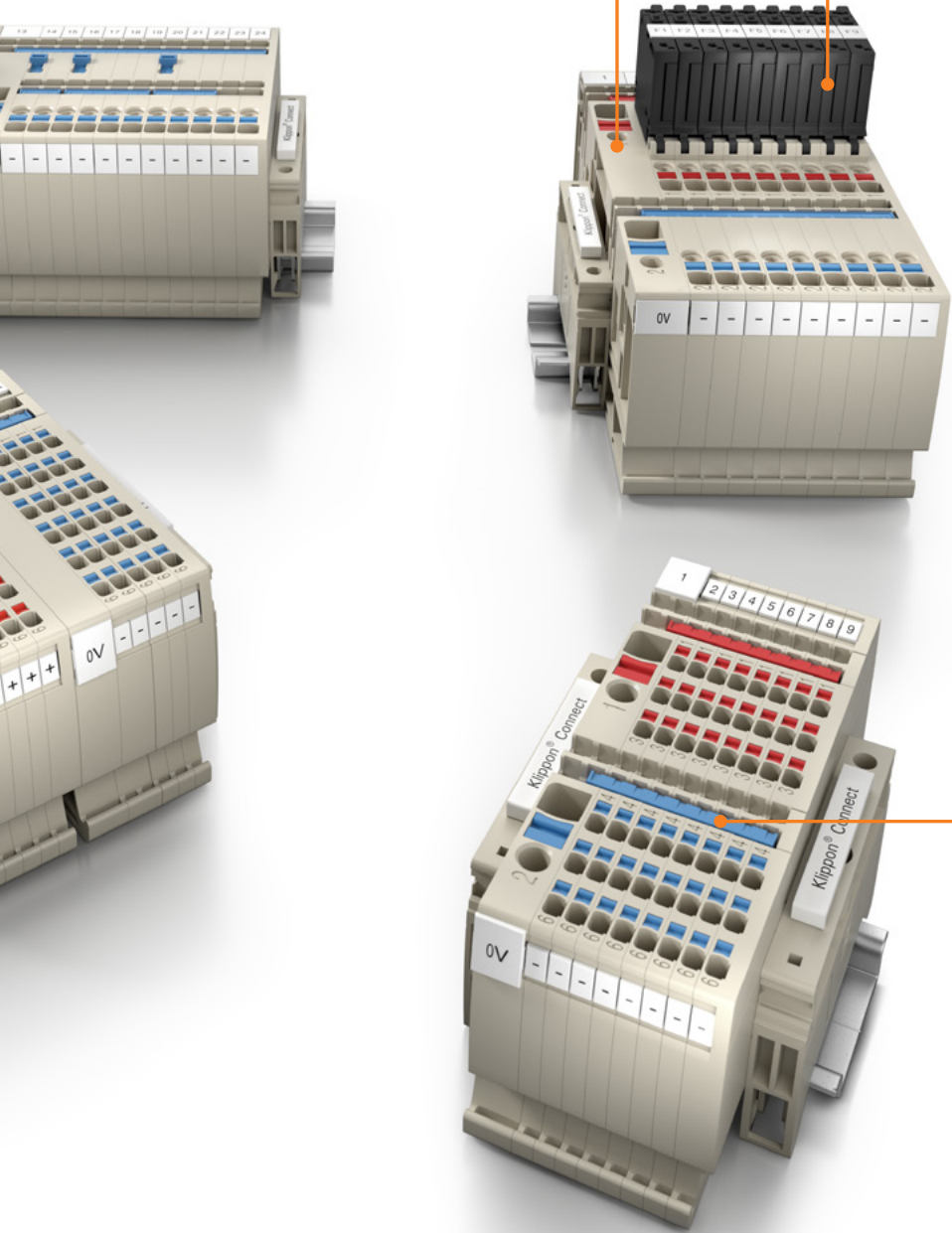
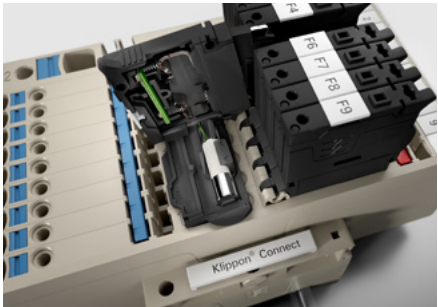
Space saving

The combined functionality of positive and negative potentials in one terminal block enables a significant space saving.



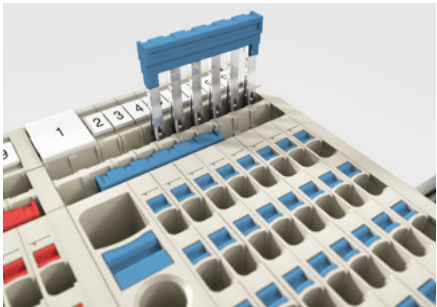
Potential distribution with fuse protection

The fuse can be replaced quickly and easily by simply releasing and opening the fuse holder on the system.



Two cross-connection channels

Thanks to the modular system, another terminal block can be attached and expanded using an additional cross-connection channel in the second cross-connection channel.



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 (H05V/H07V)	
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
	blue / orange pusher
Note	

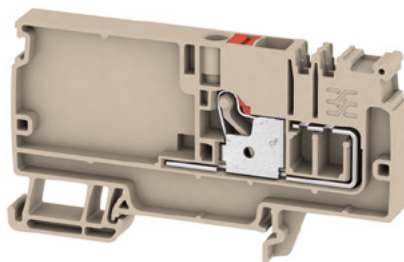
Accessories

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Identification systems	

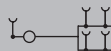
For detailed information on other accessories and application in the online catalogue

AAP11 6 LO

6 mm²



8.1 x 85.5 x 47
41 / 6
0.5...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	550
41	36	36	33
6	AWG 22...8	AWG 22...8	
6 kV / 3			
A5 / V-0			

		TÜV17ATEX8030U
Rated connection		
0.5...6 / 0.5...6		
0.5...6 / 0.5...6		
12 / 1.0 x 5.5 mm		
Note		
Approval in progress		

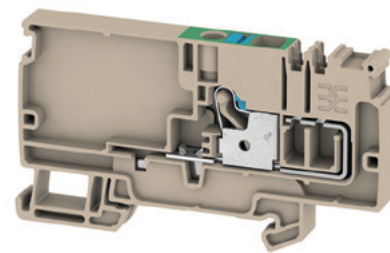
Type	Qty.	Order No.
AAP11 6 LO RD	20	1989780000
AAP11 6 LO BL	20	1988130000
AAP11 6 LO OR	20	2503650000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
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

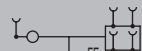
All MultiMark variants (MM) = strip markers

AAP11 6 FE

6 mm²



8.1 x 85.5 x 47
/ 6
0.5...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
6	AWG 22...8	AWG 22...8	6
6 kV / 3			
A5 / V-0			

		TÜV17ATEX8030U
Rated connection		
0.5...6 / 0.5...6		
0.5...6 / 0.5...6		
12 / 1.0 x 5.5 mm		
Note		
Approval in progress		

Type	Qty.	Order No.
AAP11 6 FE	20	1988140000

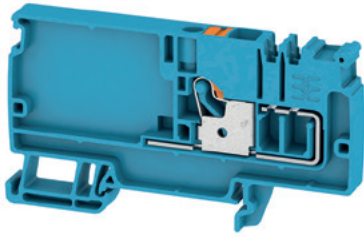
FE = functional earth, contact to DIN rail.

Type	current	Qty.	Order No.
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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
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

All MultiMark variants (MM) = strip markers

AAP11 6 LO BL/OR

6 mm²



8.1 x 85.5 x 47
41 / 6
0.5...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

Approval in progress

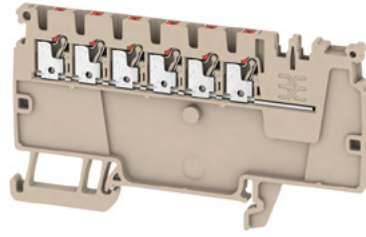
Type	Qty.	Order No.
AAP11 6 LO BL/OR	20	2522720000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
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

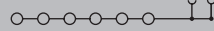
All MultiMark variants (MM) = strip markers

AAP11 1.5 LI

1.5 mm²



3.5 x 85.5 x 47
17.5 / 1.5
0.14...1.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	13	13	13
1.5	AWG 26...14	AWG 26...14	1.5
6 kV / 3			
A1 / V-0			

CE, RoHS, TÜV17ATEX8030U

Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.0
8 / 0.4 x 2.0 mm

Approval in progress

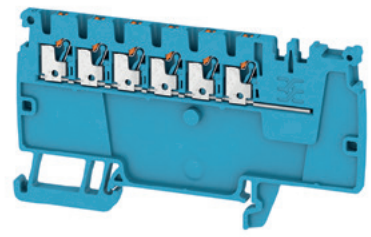
Type	Qty.	Order No.
AAP11 1.5 LI RD	50	1988160000
AAP11 1.5 LI BL	50	1988170000
AAP11 1.5 LI OR	50	2503910000

Type	current	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
ZEW 35/2		20	8630740000
SDIS 0.4X2.0X60		1	9205690000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

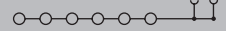
All MultiMark variants (MM) = strip markers

AAP11 1.5 LI BL/OR

1.5 mm²



3.5 x 85.5 x 47
17.5 / 1.5
0.14...1.5



IEC/EN 60947-7-1:2009

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...1.0
8 / 0.4 x 2.0 mm

Approval in progress

Type	Qty.	Order No.
AAP11 1.5 LI BL/OR	50	2522870000

Type	current	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
ZEW 35/2		20	8630740000
SDIS 0.4X2.0X60		1	9205690000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	beige / red and blue pushers
Note	

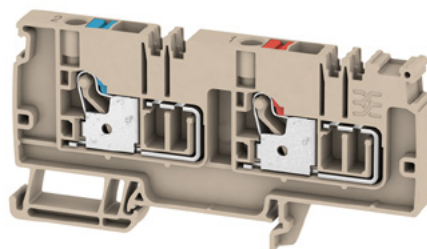
Accessories

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
	dark beige
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Identification systems	

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	
0.5...6	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	220
41	36	36	33
6	AWG 22...8	AWG 22...8	6
4 kV / 3			
A5 / V-0			
TÜV17ATEX8030U			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Approval in progress			

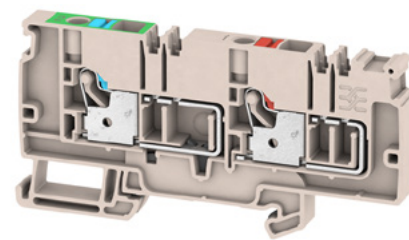
Type	Qty.	Order No.
AAP13 6 LO-LO	20	1988260000

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
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

All MultiMark variants (MM) = strip markers

AAP13 6 FE-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.5...6	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	220
41	36	36	33
6	AWG 22...8	AWG 22...8	6
4 kV / 3			
A5 / V-0			
TÜV17ATEX8030U			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			
Approval in progress			

Type	Qty.	Order No.
AAP13 6 FE-LO	20	1988270000

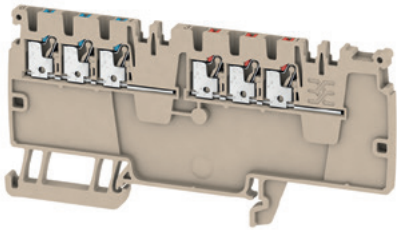
FE = functional earth, contact to terminal rail.

Type	current	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
ZEW 35/2		20	8630740000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
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

All MultiMark variants (MM) = strip markers

AAP13 1.5 LI-LI

1.5 mm²



3.5 x 96 x 47

16 / 1.5

0.14...1.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
250	150	150	220
16	13	13	13
1.5	AWG 26...14	AWG 26...14	1.5
4 kV / 3			
A1 / V-0			



TÜV17ATEX8030U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.0

8 / 0.4 x 2.0 mm

Approval in progress

Type	Qty.	Order No.
AAP13 1.5 LI-LI	50	1988280000

Type	current	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
ZEW 35/2		20	8630740000
SDIS 0.4X2.0X60		1	9205690000
WS 10/3.5 PLUS MC NE WS		960	2003760000
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

All MultiMark variants (MM) = strip markers

AAP – potential distribution terminal blocks



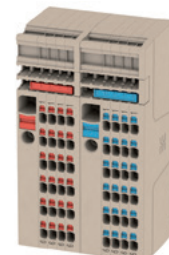
SET AAP11 6/1.5/12C

6 mm²



SET AAP11 6/1.5/24C

6 mm²



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

35 x 85.5 x 47
41 / 6
0.5...6

49 x 85.5 x 47
41 / 6
0.5...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 (H05V/H07V)	
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			
41			
6			
	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	

Approval in progress

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
	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	

Approval in progress

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP11 6/1.5/12C	1	2506090000

Type	Qty.	Order No.
SET AAP11 6/1.5/24C	1	2506370000

Accessories

Pluggable cross-connection	
2-pole / red	
10-pole / red	
End bracket	
dark beige	
dark beige	
Tools	
Multimeter	
Identification systems	

Type	current	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
ZEW 35		20	9540000000
ZUB MULTIMETER		1	9205270000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MC SDR		160	1856750000
DEK 5/8 PLUS MC SDR		160	1046370000
WS 10/8 PLUS MC NE WS		420	1905950000
WS 10/8 PLUS MC SDR		84	1906030000

Type	current	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
ZEW 35		20	9540000000
ZUB MULTIMETER		1	9205270000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MC SDR		160	1856750000
DEK 5/8 PLUS MC SDR		160	1046370000
WS 10/8 PLUS MC NE WS		420	1905950000
WS 10/8 PLUS MC SDR		84	1906030000

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

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

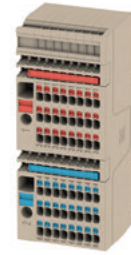
AAP – potential distribution terminal blocks

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
0.5...6

38.5 x 96 x 47
41 / 6
0.5...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 (H05V/H07V)	
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			
41			
6			
	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			
Approval in progress			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
	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			
Approval in progress			

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

Pluggable cross-connection	
2-pole / red	
10-pole / red	
End bracket	
dark beige	
dark beige	
Tools	
Multimeter	
Identification systems	

Type	current	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
ZEW 35		20	9540000000
ZUB MULTIMETER		1	9205270000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MC SDR		160	1856750000
DEK 5/8 PLUS MC SDR		160	1046370000
WS 10/8 PLUS MC NE WS		420	1905950000
WS 10/8 PLUS MC SDR		84	1906030000

Type	current	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
ZEW 35		20	9540000000
ZUB MULTIMETER		1	9205270000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MC SDR		160	1856750000
DEK 5/8 PLUS MC SDR		160	1046370000
WS 10/8 PLUS MC NE WS		420	1905950000
WS 10/8 PLUS MC SDR		84	1906030000

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

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

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 (H05V/H07V)	
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
	blue / orange pusher
Note	

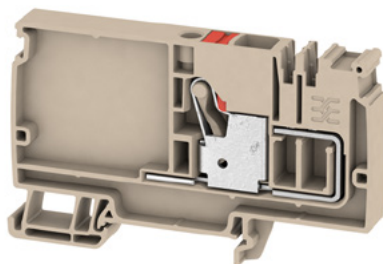
Accessories

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
	dark beige
Screwdriver	
	Standard
Identification systems	
Test adapter	
	1-pole
Test plug	

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

AAP12 10 LO

10 mm²



10 x 89 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
57	51	51	45
10	AWG 20...6	AWG 20...6	10
8 kV / 3			
A6 / V-0			
TÜV17ATEX8030U			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			
Note			
Approval in progress			

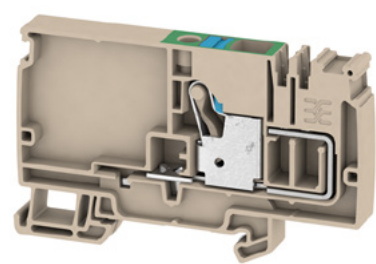
Type	Qty.	Order No.
AAP12 10 LO RD	20	1988190000
AAP12 10 LO BL	20	1988180000
AAP12 10 LO OR	20	2503900000

Type	current	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
ZEW 35/2		20	8630740000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000

All MultiMark variants (MM) = strip markers

AAP12 10 FE

10 mm²



10 x 89 x 53.5	
/ 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
10	AWG 20...6	AWG 20...6	10
8 kV / 3			
A6 / V-0			
TÜV17ATEX8030U			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			
Note			
Approval in progress			

Type	Qty.	Order No.
AAP12 10 FE	20	1988200000

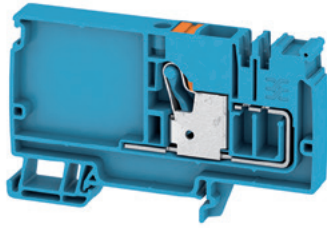
FE = functional earth, contact to DIN rail.

Type	current	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
ZEW 35/2		20	8630740000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000

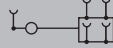
All MultiMark variants (MM) = strip markers

AAP12 10 LO BL/OR

10 mm²



10 x 89 x 53.5
57 / 10
0.5...10



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

Approval in progress

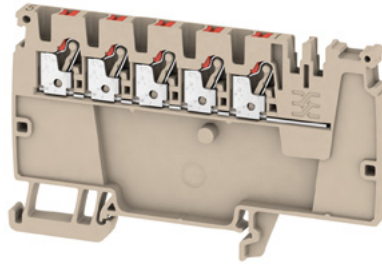
Type	Qty.	Order No.
AAP12 10 LO BL/OR	20	2522860000

Type	current	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
ZEW 35/2		20	8630740000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000

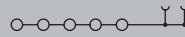
All MultiMark variants (MM) = strip markers

AAP12 2.5 LI

2.5 mm²



5.1 x 89 x 53.5
24 / 2.5
0.5...2.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
800	600	600	690
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5
8 kV / 3			
A3 / V-0			

CE, RoHS, TÜV17ATEX8031U

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

Approval in progress

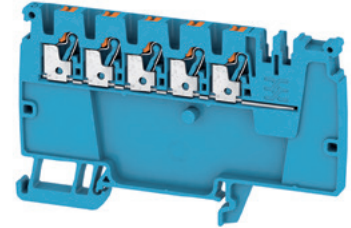
Type	Qty.	Order No.
AAP12 2.5 LI RD	50	1988290000
AAP12 2.5 LI BL	50	1988100000
AAP12 2.5 LI OR	50	2503880000

Type	current	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
ZEW 35/2		20	8630740000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M PLUS MC NE WS		600	2003770000

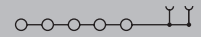
All MultiMark variants (MM) = strip markers

AAP12 2.5 LI BL/OR

2.5 mm²



5.1 x 89 x 53.5
24 / 2.5
0.5...2.5



IEC/EN 60947-7-1:2009

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

Approval in progress

Type	Qty.	Order No.
AAP12 2.5 LI BL/OR	50	2522840000

Type	current	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
ZEW 35/2		20	8630740000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M PLUS MC NE WS		600	2003770000

All MultiMark variants (MM) = strip markers

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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	beige / red and blue pushers
Note	

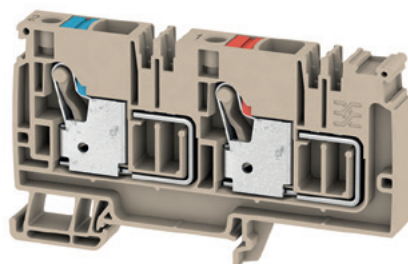
Accessories

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
	dark beige
Screwdriver	
	Standard
Identification systems	
Test adapter	
	1-pole
Test plug	

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 / 10		
0.5...10		

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	150	352
57	51	51	45
10	AWG 20...6	AWG 20...6	10
6 kV / 3			
A6 / V-0			
TÜV17ATEX8030U			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			
Note			
Approval in progress			

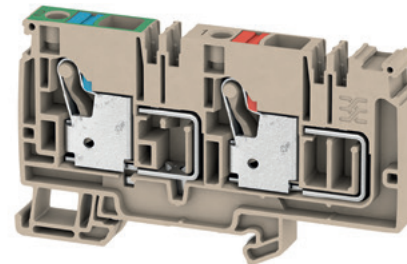
Type	Qty.	Order No.
AAP14 10 LO-LO	20	1988250000

Type	current	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
ZEW 35/2		20	8630740000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000

All MultiMark variants (MM) = strip markers

AAP14 10 FE-LO

10 mm²



10 x 94 x 53.5		
57 / 10		
0.5...10		

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	300	352
57	51	51	45
10	AWG 20...6	AWG 20...6	10
6 kV / 3			
A6 / V-0			
TÜV17ATEX8030U			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			
Note			
Approval in progress			

Type	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000

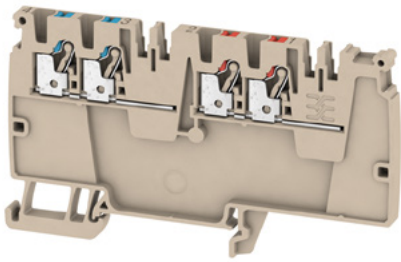
FE = functional earth, contact to terminal rail

Type	current	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
ZEW 35/2		20	8630740000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	0310000000

All MultiMark variants (MM) = strip markers

AAP14 2.5 LI-LI

2.5 mm²



5.1 x 94 x 53.5
24 / 2.5
0.5...2.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500	150	150	352
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5
6 kV / 3			
A3 / V-0			

CE TÜV17ATEX8030U

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

Approval in progress

Type	Qty.	Order No.
AAP14 2.5 LI-LI	50	1988230000

Type	current	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
ZEW 35/2		20	8630740000
SDIL 0,6x3,5x100		1	9042110000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 10/5 M PLUS MC NE WS		600	2003770000

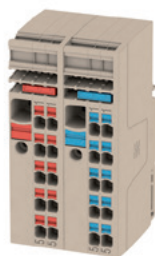
All MultiMark variants (MM) = strip markers

AAP – potential distribution terminal blocks



SET AAP12 10/2.5/10C

10 mm²



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

45.2 x 89 x 53.5
 / 10
0.5...10

36.5 x 89 x 53.5
57 / 10
0.5...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	
Approvals	
Clamped conductors (H05V/H07V)	
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
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			
Note			
Approval in progress			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			
Note			
Approval in progress			

Ordering data

Version	
Note	

Type	Qty.	Order No.
SET AAP12 10/2.5/10C	1	2506350000
Note		

Type	Qty.	Order No.
SET AAP14 10/2.5/10C	1	2506360000
Note		

Accessories

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige
	dark beige
Tools	
	Multimeter
Identification systems	

Type	current	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
ZEW 35		20	9540000000
ZUB MULTIMETER		1	9205270000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MC SDR		160	1856750000
DEK 5/8 PLUS MC SDR		160	1046370000
WS 10/8 PLUS MC NE WS		420	1905950000
WS 10/8 PLUS MC SDR		84	1906030000

Type	current	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
ZEW 35		20	9540000000
ZUB MULTIMETER		1	9205270000
DEK 5/8 MC NE WS		800	1856740000
DEK 5/8 MC SDR		160	1856750000
DEK 5/8 PLUS MC SDR		160	1046370000
WS 10/8 PLUS MC NE WS		420	1905950000
WS 10/8 PLUS MC SDR		84	1906030000

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

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

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	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

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	
beige / red pusher	
beige / blue pusher	

Note

Accessories

Pluggable cross-connection	
2-pole/ red	
10-pole / red	
2-pole / blue	
10-pole/ blue	

End plate / Partition plate

End bracket

dark beige
 dark beige

Test plug

Screwdriver

Standard

Identification systems

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	

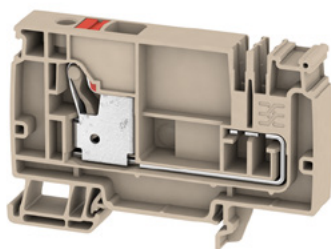
Test adapter

1-pole

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

AAP21 10 LO

10 mm²



12 x 82 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	600	600	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
V-0			

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

Approval in progress

Type	Qty.	Order No.
AAP21 10 LO RD	20	2428910000
AAP21 10 LO BL	20	2428940000

Type	current	Qty.	Order No.
ZQV 4N/2 RD		60	2460450000
ZQV 4N/10 RD		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

PS 2.0 MC 20 0310000000

SDIL 1,0x5,5x125 1 9042130000

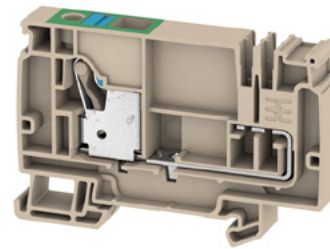
WS 7.8/9.2 PLUS MC NE GR 360 1208970000

ATPG 1.5-10 L 50 1991890000

All MultiMark variants (MM) = strip markers

AAP21 10 FE

10 mm²



12 x 82 x 53.5	
/ 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	600	600	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
V-0			

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

Approval in progress

Type	Qty.	Order No.
AAP21 10 FE	20	2428920000

Functional earth (FE), contact to terminal rail

Type	current	Qty.	Order No.
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000

AEP AP21 20 2429020000

AEB 35 SC/1 50 1991920000

ZEW 35/2 20 8630740000

PS 2.0 MC 20 0310000000

SDIL 1,0x5,5x125 1 9042130000

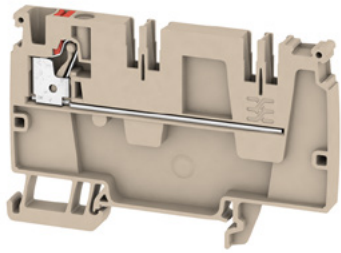
WS 7.8/9.2 PLUS MC NE GR 360 1208970000

ATPG 1.5-10 L 50 1991890000

All MultiMark variants (MM) = strip markers

AAP21 4 LI

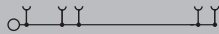
4 mm²



6.1 x 82 x 53.5

32 / 4

0.5...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
32	20	20	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
V-0			

FA

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 mm

0.6 x 3.5 mm

Approval in progress

Type	Qty.	Order No.
AAP21 4 LI RD	50	2428930000
AAP21 4 LI BL	50	2428960000

Type	current	Qty.	Order No.
ZQV 4N/2 RD		60	2460450000
ZQV 4N/10 RD		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
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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
ATPG 1.5-10 L		50	1991890000

All MultiMark variants (MM) = strip markers

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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

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	
beige / red pusher	
beige / blue pusher	

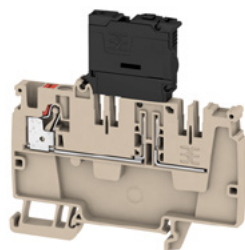
Note

Accessories

Pluggable cross-connection	
2-pole/ red	
10-pole / red	
2-pole / blue	
10-pole/ blue	
End plate / Partition plate	
End bracket	
dark beige	
dark beige	
Test plug	
Screwdriver	
Standard	
Identification systems	
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	
Test adapter	
1-pole	
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
0.5...4

In accordance with IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250	150	150	
6.3	10	10	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
V-0			

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

Approval in progress

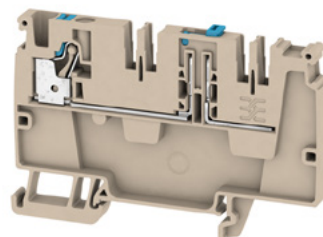
Type	Qty.	Order No.
AAP21 4 FS	50	2428950000
AAP21 4 FS 10-36V	50	2458990000
AAP21 4 FS 30-70V	50	2460200000
AAP21 4 FS 60-150V	50	2460190000
AAP21 4 FS 100-250V	50	2460180000

Type	current	Qty.	Order No.
ZQV 4N/2 RD		60	2460450000
ZQV 4N/10 RD		20	2460740000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 0,6x3,5x100		1	9042110000
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		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		10	0430900000

All MultiMark variants (MM) = strip markers

AAP21 4 DT

4 mm²



6.1 x 82 x 55
20 / 4
0.5...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
20	20	20	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
V-0			

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

Approval in progress

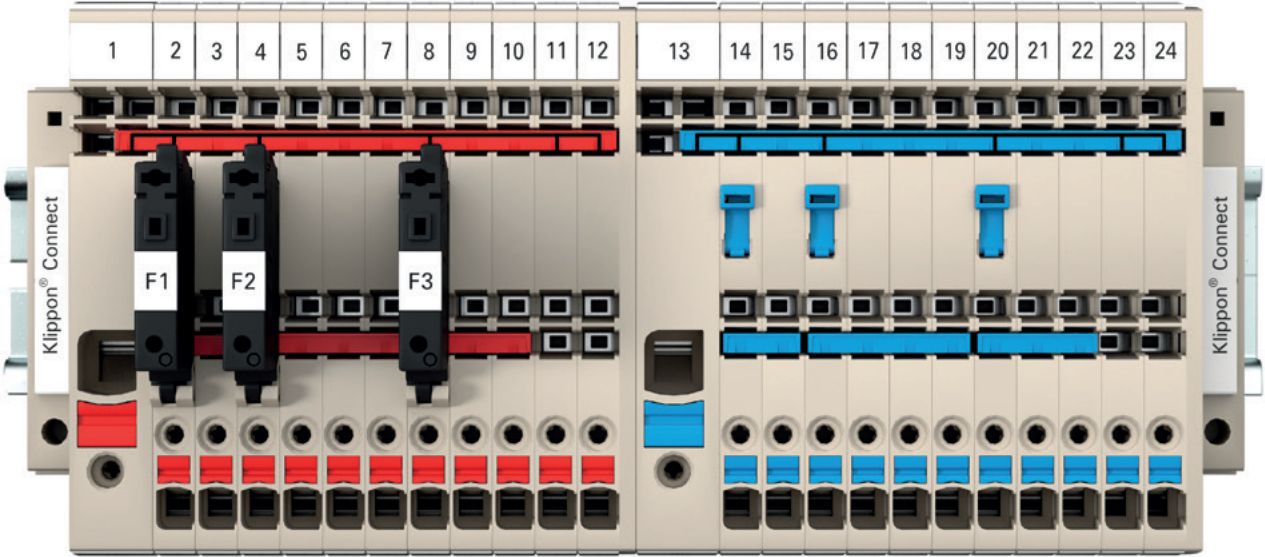
Type	Qty.	Order No.
AAP21 4 DT	50	2428980000

Type	current	Qty.	Order No.
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP21		20	2429020000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
SDIL 0,6x3,5x100		1	9042110000
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

All MultiMark variants (MM) = strip markers

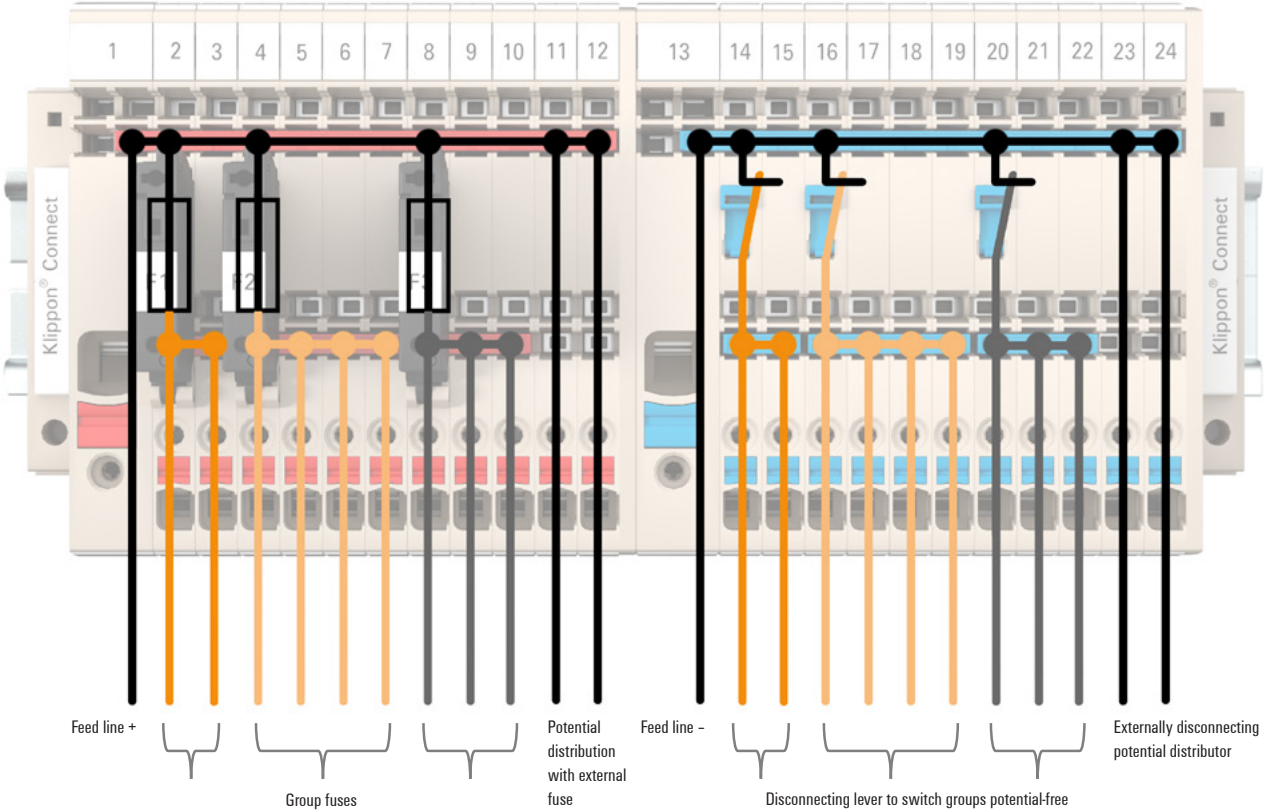
Clear, compact construction of control voltage distribution

Example configuration of potential distribution terminal block with fusing



- Group fusing through breakaway of individual poles in the cross-connections
- Groups can be switched potential-free via a disconnector
- Direct potential distribution possible without fusing within the structure

Schematic representation of circuit diagram



AAP - potential distribution terminal blocks

Potential distribution with integrated fusing



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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	beige / red and blue pushers
Note	

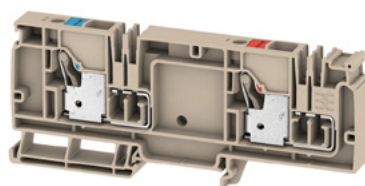
Accessories

Pluggable cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige
	dark beige
Test plug	
Screwdriver	
	Standard
Identification systems	

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 / 10	
0.5...10	

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			

UL

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

Approval in progress

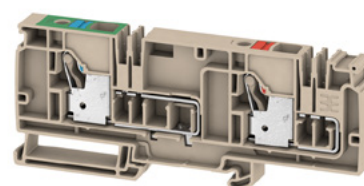
Type	Qty.	Order No.
AAP22 10 LO-LO	20	2428990000

Type	current	Qty.	Order No.
ZQV 4N/2 RD		60	2460450000
ZQV 4N/10 RD		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
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

All MultiMark variants (MM) = strip markers

AAP22 10 FE-LO

10 mm²



12 x 129 x 53.5	
17 / 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
17	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
A6 / V-0			

UL

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

Approval in progress

Type	Qty.	Order No.
AAP22 10 FE-LO	20	2429000000

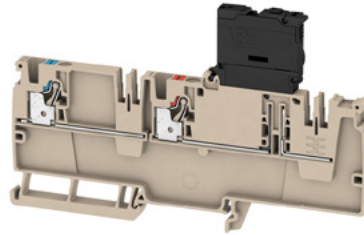
Type	current	Qty.	Order No.
ZQV 4N/2 RD		60	2460450000
ZQV 4N/10 RD		20	2460740000
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
AEP AP22		20	2429040000
AEB 35 SC/1		50	1991920000
ZEW 35/2		20	8630740000
PS 2.0 MC		20	0310000000
SDIL 1,0x5,5x125		1	9042130000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000

All MultiMark variants (MM) = strip markers

AAP - potential distribution terminal blocks

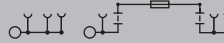
AAP22 4 LI-FS

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
0.5...4



In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-3

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 (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

IEC	UL	CSA	EN 60079-7
500	300 (D)	300 (D)	
6.3	10	10	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
V-0			



Rated connection

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

Note

Approval in progress

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

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

Note

Accessories

Pluggable cross-connection	
	2-pole / blue
	10-pole / blue
	2-pole / red
	10-pole / red
End plate / Partition plate	
End bracket	
	dark beige
	dark beige
Screwdriver	
	Standard
Identification systems	

Type	current	Qty.	Order No.
ZQV 4N/2 BL	32 A	60	1528040000
ZQV 4N/10 BL	32 A	20	1528230000
ZQV 4N/2 RD		60	2460450000
ZQV 4N/10 RD		20	2460740000
AEP AP22		20	2429040000
AEB 35 SC/1		50	1991920000
ZEW 35		20	9540000000
SDIL 0,6x3,5x100		1	9042110000
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		10	0430500000
G 20/0.50A/F		10	0430600000
G 20/1.00A/F		10	0430700000
G 20/2.00A/F		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

All MultiMark variants (MM) = strip markers

Load monitoring and potential distribution in one complete solution

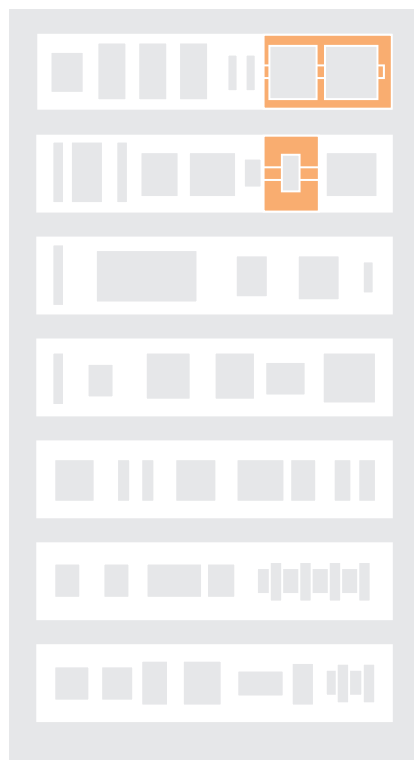
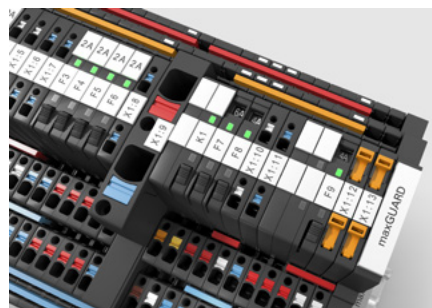
maxGUARD – taking control voltage distribution to a new level

Fail-safe and maintenance-friendly control voltage distributions that can be installed in a time- and space-saving manner are a must for efficient machine and facility operation. With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution solution. The new combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50 %.



Extreme ease of servicing

Sophisticated operating, testing and connection elements permit safe access to all voltage potentials and load circuits during commissioning and maintenance.



Particularly space-saving

Electronic load monitors and potential distributors with a 6.1 mm pitch.



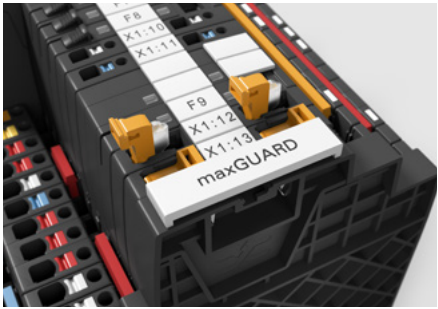
Integrated test point

Consistently integrated test points in the maxGUARD control voltage distribution's input and output speed up troubleshooting operations.



Practical disconnecting lever

Potential distributor with a disconnecting lever for simple galvanic isolation of the load circuit for testing and checking purposes.



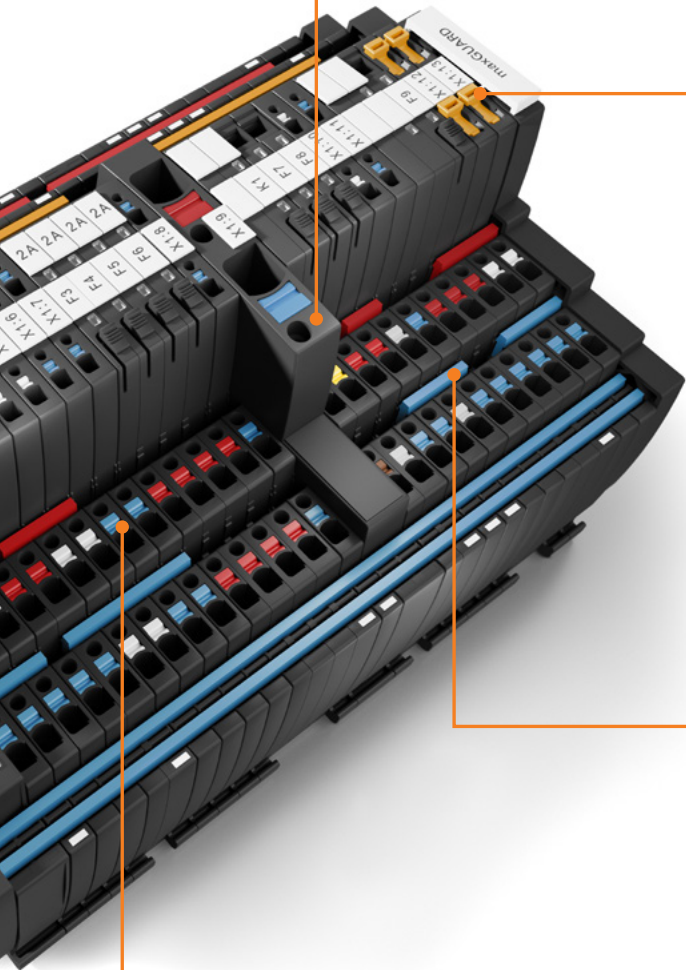
Unique cross-connectors

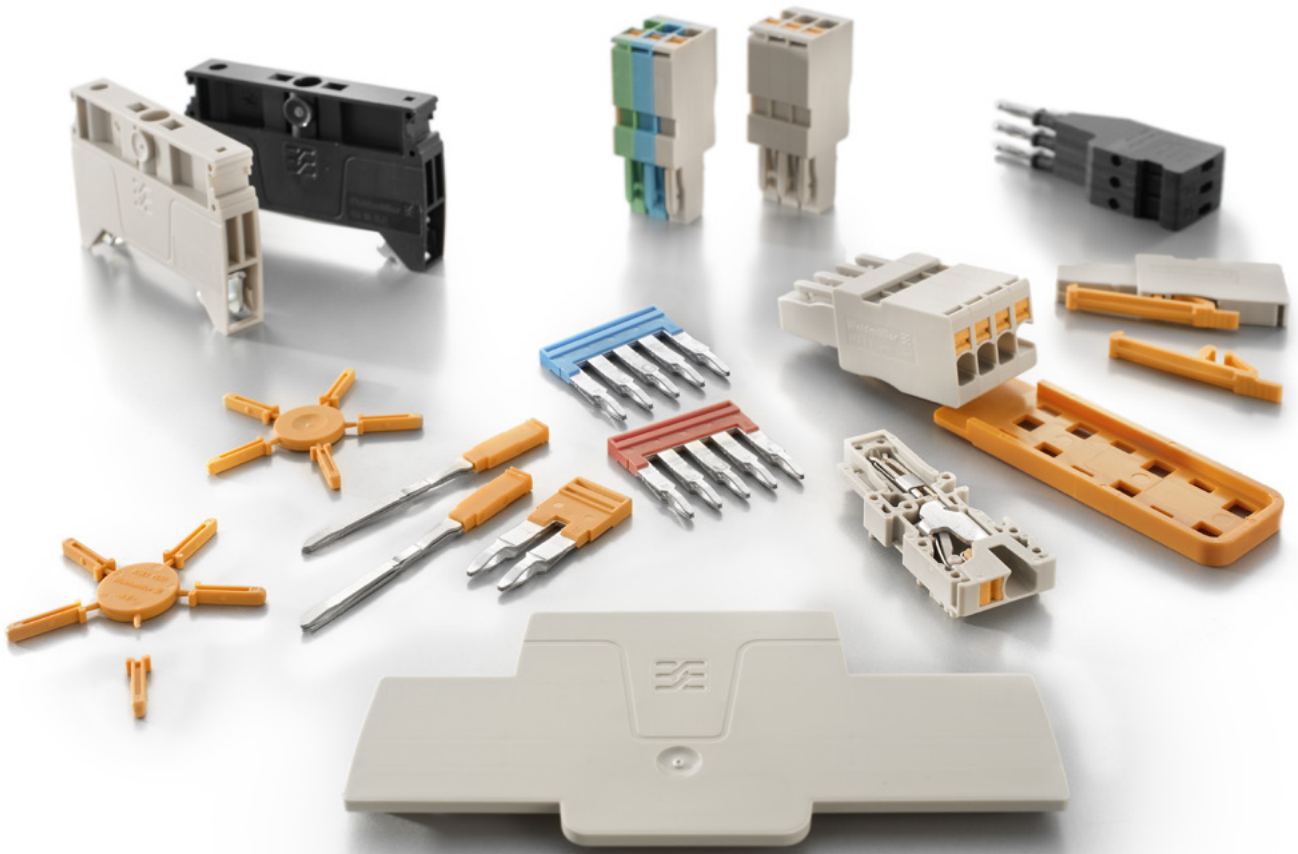
Less time and effort needed for wiring due to cross-connections between load monitoring and potential distribution terminals.

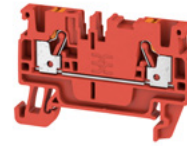
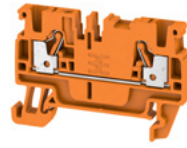
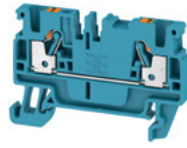
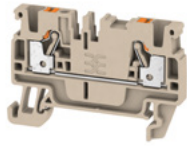


Can be used in a customised way

The sheer range of variants and the very different potential distribution terminals and additional components enable customised solutions at all times.







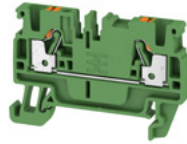
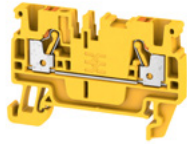
Type
1.5 mm ² A2C
1.5 mm ² A3C
1.5 mm ² A4C
2.5 mm ² A2C
2.5 mm ² A3C
2.5 mm ² A4C
4 mm ² A2C
4 mm ² A3C
4 mm ² A4C
6 mm ² A2C
6 mm ² A3C

Order No. beige
1552790000
1552740000
1552690000
1521850000
1521740000
1521690000
2051180000
2051240000
2051500000
1992110000
1991820000

Order No. blue BL
1552820000
1552770000
1552700000
1521880000
1521780000
1521700000
2051210000
2051280000
2051520000
1991790000
1991830000

Order No. orange OR
1552830000
1552780000
1552720000
1521930000
1521830000
1521720000
2051230000
2051320000
2051540000
1991800000
1991840000

Order No. red RD
2508020000
2534500000
2534430000
1521900000
1521800000
1521710000
2051220000
2051300000
2051530000
-
-



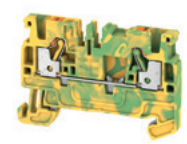
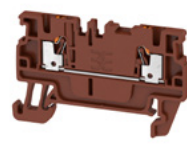
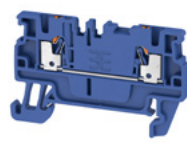
Type
1.5 mm ² A2C
1.5 mm ² A3C
1.5 mm ² A4C
2.5 mm ² A2C
2.5 mm ² A3C
2.5 mm ² A4C
4 mm ² A2C
4 mm ² A3C
4 mm ² A4C
6 mm ² A2C
6 mm ² A3C

Order No. yellow YL
2508190000
2534520000
2534450000
1521940000
1521840000
1521730000
2051250000
2051340000
2051550000
-
-

Order No. green GN
2508210000
2534480000
2534410000
1521950000
1521870000
1521770000
2051260000
2051350000
2051580000
-
-

Order No. white WT
2508160000
2534510000
2534440000
1521970000
1521890000
1521790000
2051290000
2051370000
2051610000
-
-

Order No. black BK
2508170000
2534230000
2534260000
1521980000
1521920000
1521820000
2051310000
2051400000
2051660000
-
-



Type
1.5 mm ² A2C
1.5 mm ² A3C
1.5 mm ² A4C
2.5 mm ² A2C
2.5 mm ² A3C
2.5 mm ² A4C
4 mm ² A2C
4 mm ² A3C
4 mm ² A4C
6 mm ² A2C
6 mm ² A3C

Order No. light grey LTGY
2508220000
2534490000
2534420000
2003110000
2003120000
2003130000
2051330000
2051460000
2051670000
-
-

Order No. dark blue DBL
2508180000
2534540000
2534470000
2508000000
2534690000
2534740000
2534370000
2534290000
2534390000
-
-

Order No. brown BR
2508200000
2534530000
2534460000
2508030000
2534750000
2534730000
2534380000
2534360000
2534400000
-
-

Order No. green/yellow (protective earth)
1552680000
1552670000
1552660000
1521680000
1521670000
1521540000
2051360000
2051410000
2051560000
1991810000
1991850000

Cross-connections according to dimensions

ZQV 1.5N



Technical data	
current	A
Ordering data	
2-pin	
3-pin	
4-pin	
5-pin	
6-pin	
7-pin	
8-pin	
9-pin	
10-pin	
20-pin	
50-pin	
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
Note		

ZQV 2.5N



24		
Type	Qty.	Order No.
ZQV 2.5N/2	60	1527540000
ZQV 2.5N/3	60	1527570000
ZQV 2.5N/4	60	1527590000
ZQV 2.5N/5	20	1527620000
ZQV 2.5N/6	20	1527630000
ZQV 2.5N/7	20	1527640000
ZQV 2.5N/8	20	1527670000
ZQV 2.5N/9	20	1527680000
ZQV 2.5N/10	20	1527690000
ZQV 2.5N/20	20	1527720000
ZQV 2.5N/50	5	1527730000
Note		

ZQV 4N



32		
Type	Qty.	Order No.
ZQV 4N/2	60	1527930000
ZQV 4N/3	60	1527940000
ZQV 4N/4	60	1527970000
ZQV 4N/5	60	1527980000
ZQV 4N/6	20	1527990000
ZQV 4N/7	20	1528020000
ZQV 4N/8	20	1528030000
ZQV 4N/9	20	1528070000
ZQV 4N/10	20	1528090000
ZQV 4N/50	5	1528130000
Note		



Technical data	
current	A
Ordering data	
2-pin	
3-pin	
4-pin	
5-pin	
6-pin	
7-pin	
8-pin	
9-pin	
10-pin	
20-pin	
50-pin	
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
Note		



24		
Type	Qty.	Order No.
ZQV 2.5N/2 BL	60	1527740000
ZQV 2.5N/3 BL	60	1527770000
ZQV 2.5N/4 BL	60	1527780000
ZQV 2.5N/5 BL	20	1527790000
ZQV 2.5N/6 BL	20	1527820000
ZQV 2.5N/7 BL	20	1527830000
ZQV 2.5N/8 BL	20	1527840000
ZQV 2.5N/9 BL	20	1527870000
ZQV 2.5N/10 BL	20	1527880000
ZQV 2.5N/20 BL	20	1527890000
ZQV 2.5N/50 BL	5	1527920000
Note		



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/50 BL	5	1528240000
Note		



Technical data	
current	A
Ordering data	
2-pin	
3-pin	
4-pin	
5-pin	
6-pin	
7-pin	
8-pin	
9-pin	
10-pin	
20-pin	
50-pin	
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
Note		



24		
Type	Qty.	Order No.
ZQV 2.5N/2 RD	60	2108470000
ZQV 2.5N/3 RD	60	2108690000
ZQV 2.5N/4 RD	60	2108700000
ZQV 2.5N/5 RD	20	2108710000
ZQV 2.5N/6 RD	20	2108720000
ZQV 2.5N/7 RD	20	2108810000
ZQV 2.5N/8 RD	20	2108870000
ZQV 2.5N/9 RD	20	2108900000
ZQV 2.5N/10 RD	20	2108910000
ZQV 2.5N/20 RD	20	2108920000
ZQV 2.5N/50 RD	5	2109000000
Note		



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
Note		

ZQV 6N



41		
Type	Qty.	Order No.
ZQV 6N/2	60	1985740000
ZQV 6N/3	60	1985760000
ZQV 6N/4	60	1985780000

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



41		
Type	Qty.	Order No.
ZQV 6N/2 BL	60	1985830000
ZQV 6N/3 BL	60	1985840000
ZQV 6N/4 BL	60	1985850000

Type	Qty.	Order No.

Type	Qty.	Order No.

Type	Qty.	Order No.

Type	Qty.	Order No.

Type	Qty.	Order No.

Pluggable Cross-Connection ZQV



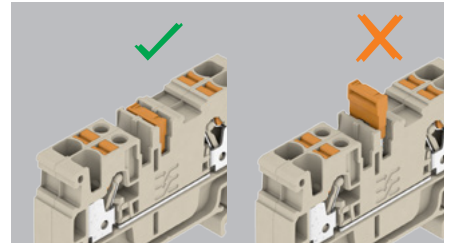
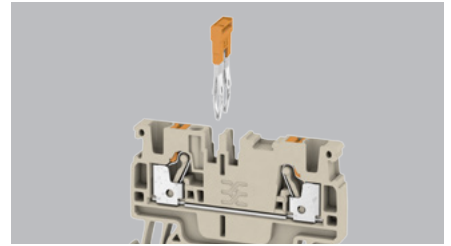
Weidmüller offers plug-in and screwed cross-connection systems for screw-connection terminal blocks. The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions. This also ensures that all poles always contact reliably.

Fitting and changing crossconnections

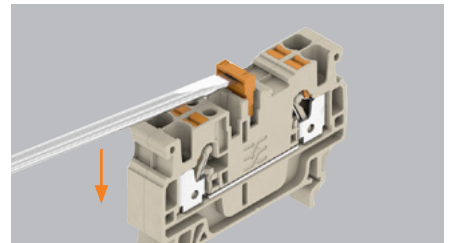
The fitting and changing of cross-connections is a trouble-free and fast operation:

- 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.)

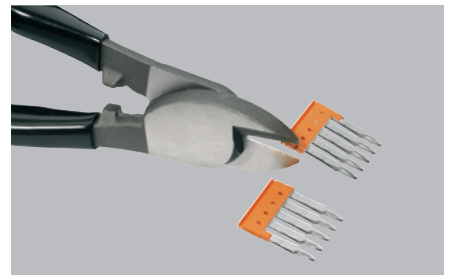


- Remove a cross-connection by simply prising it out with a screwdriver.



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.

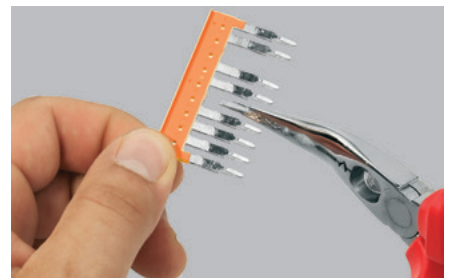


Breaking out contact elements

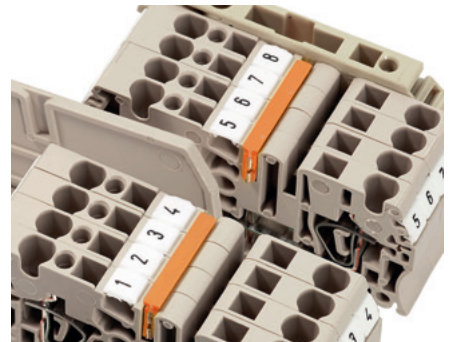
If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

Caution:

Contact elements must not be deformed!

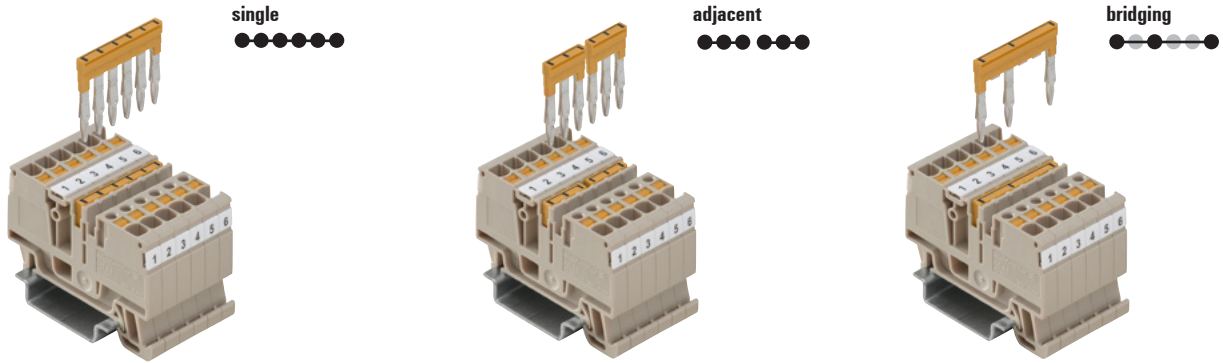


Note: By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.

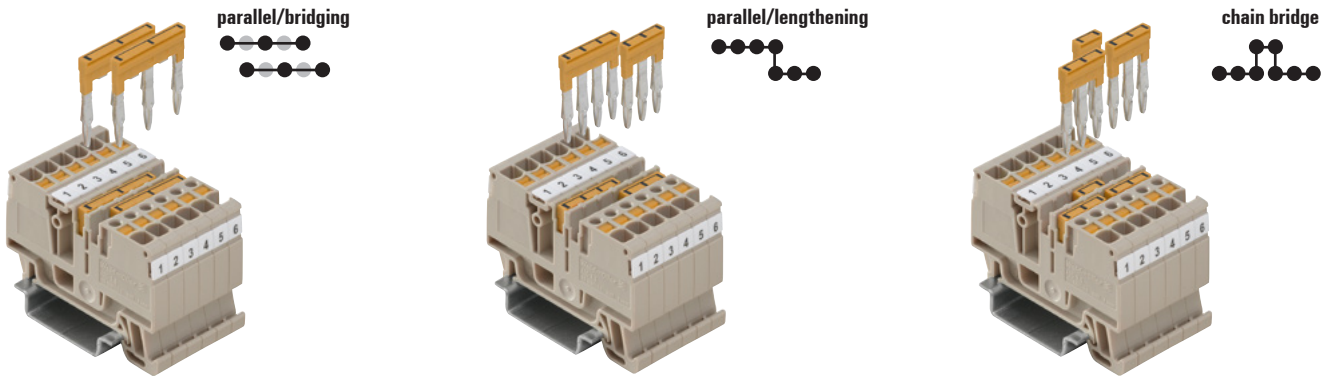


Possible combinations

In one cross-connection channel



In two cross-connection channels



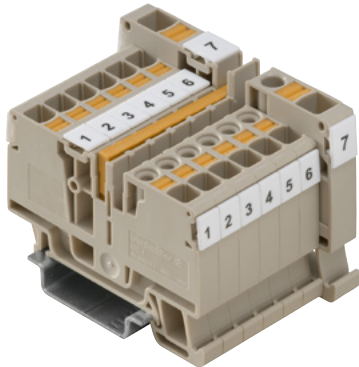
Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Cross-section	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals								
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/...	•	•	•	•	•	

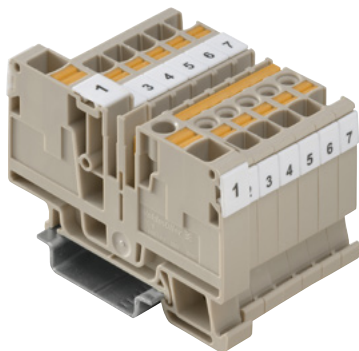
Supply with standard terminals

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 right



Supply on the left



Supply options and corresponding cross-connections

Supply terminals		right											
		2.5 mm ²					4 mm ²					6 mm ²	
Output terminals		A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
1.5 mm ²	A2C												
	A3C	•											
	A4C	•											
2.5 mm ²	A2C						•	•					
	A3C						•	•					
	A4C						•	•					
	ADT 2C												
	AFS 2C CF												
4 mm ²	A2C											•	
	A3C											•	
	A4C											•	
	ADT 2C												
	AFS 2C												
Supply terminals		left											
		2.5 mm ²					4 mm ²					6 mm ²	
Output terminals		A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
1.5 mm ²	A2C	•					•	•					
	A3C		•				•	•					
	A4C			•			•	•					
2.5 mm ²	A2C						•	•				•	
	A3C						•	•				•	
	A4C								•				
	ADT 2C									•			
	AFS 2C CF										•		
4 mm ²	A2C											•	
	A3C											•	
	A4C												•
	ADT 2C												
	AFS 2C												

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 mm. 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 Left and right outputs both possible



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

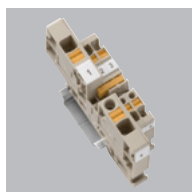
Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A3C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A4C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A2C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A3C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A4C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A

Output options and cross-connectors to use

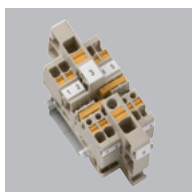
Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 16	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•
	A2C 4	ZQV 4N	•	•
	A3C 4	ZQV 4N	•	•
	A4C 4	ZQV 4N	•	•
	A2C 6	ZQV 6N	•	•
	A3C 6	ZQV 6N	•	•

Maximum current flow I_{max} only with ALO 16

Output terminal	Cross-connection	Wire cross-section Feed-in	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



I_{max} =
Σ I_n (left)



I_{max} =
Σ I_n (left) + Σ I_n (right)



I_{max} =
Σ I_n (right)

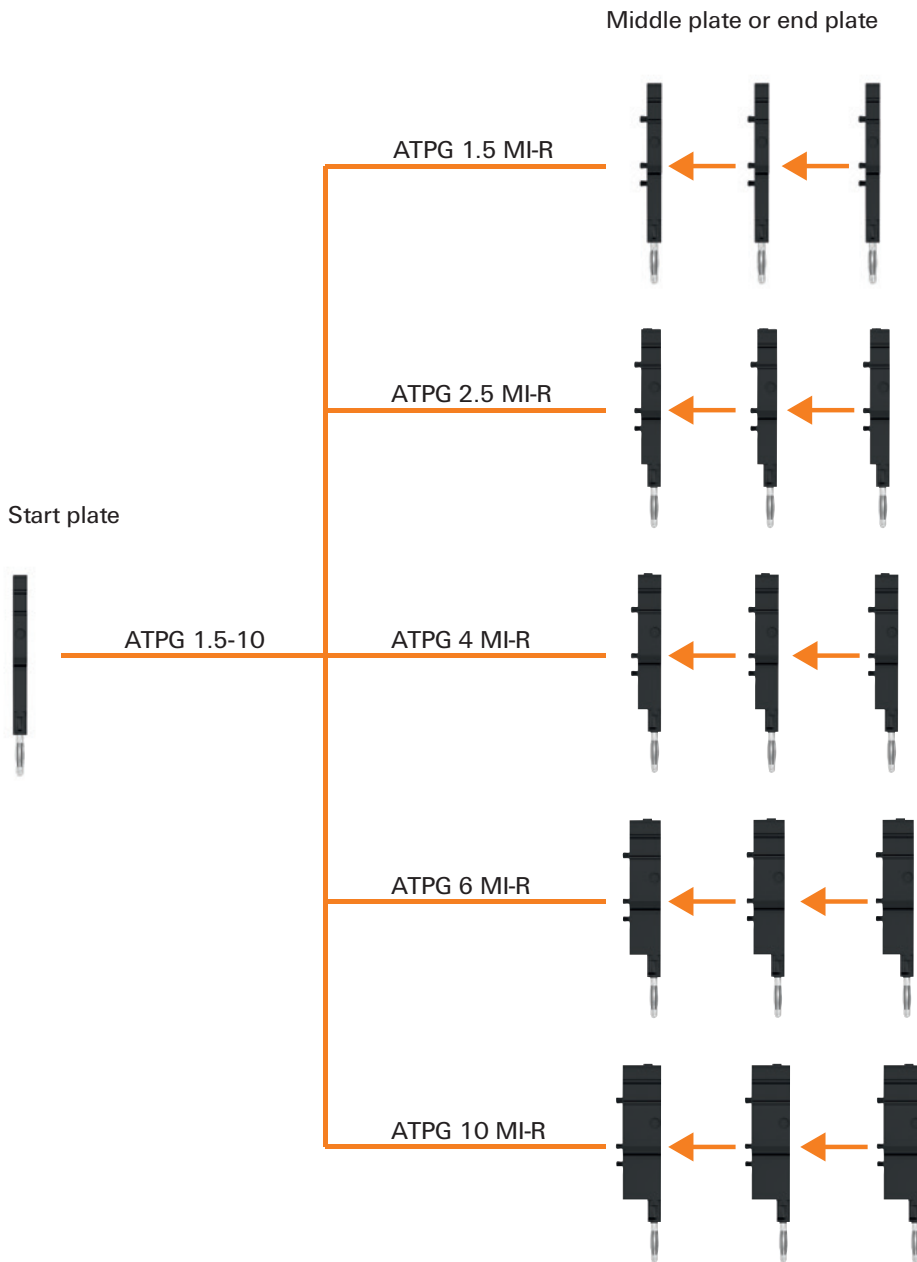
Test adapters for self-assembly:

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	-
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pin
	3-pin
	5-pin
Note	

ATPG 1.5-10

Start plate



Width / Length / Height	3.5 / 18.5	
Stripping length	-	
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	
Flexible / Flexible with ferrule	mm ²	
Ordering data		
	Qty.	Order No.
ATPG 1.5-10 L	50	1991890000
Note		
The height is dependent on the terminal type		

ATPG 1.5 MI-R

Middle plate or end plate



Width / Length / Height	3.5 / 18.5	
Stripping length	-	
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	
Flexible / Flexible with ferrule	mm ²	
Ordering data		
	Qty.	Order No.
ATPG 1.5 MI-R	50	1991880000
Note		
The height is dependent on the terminal type		

ATPG 2.5 MI-R

Middle plate or end plate



Width / Length / Height	5.1 / 18.5	
Stripping length	-	
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	
Flexible / Flexible with ferrule	mm ²	
Ordering data		
	Qty.	Order No.
ATPG 2.5 MI-R	50	1991960000
ATPG 2.5/3	25	2041190000
ATPG 2.5/5	25	2041180000
Note		
The height is dependent on the terminal type		

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	-
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pin
	3-pin
	5-pin
Note	

ATPG 4 MI-R-10

Middle plate or end plate



Width / Length / Height	6.1 / 18.5	
Stripping length	-	
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	
Flexible / Flexible with ferrule	mm ²	
Ordering data		
	Qty.	Order No.
ATPG 4 MI-R	50	1991860000
Note		
The height is dependent on the terminal type		

ATPG 6 MI-R

Middle plate or end plate



Width / Length / Height	7.9 / 18.5	
Stripping length	-	
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	
Flexible / Flexible with ferrule	mm ²	
Ordering data		
	Qty.	Order No.
ATPG 6 MI-R	50	1991930000
Note		
The height is dependent on the terminal type		

ATPG 10 MI-R

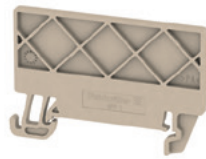
Middle plate or end plate



Width / Length / Height	9.9 / 18.5	
Stripping length	-	
Rated data		
Rated voltage	V	
Rated current	A	
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	
Flexible / Flexible with ferrule	mm ²	
Ordering data		
	Qty.	Order No.
ATPG 10 MI-R	50	1991870000
Note		
The height is dependent on the terminal type		

Integrated partition plate

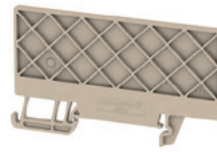
APP1



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	
matching terminals	

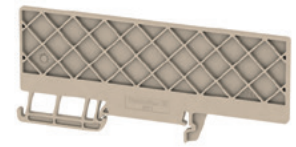
Type	Qty.	Order No.
APP 1	50	2488970000
A2C 1.5		1552790000
A2C 1.5 PE		1552680000
APGTB 1.5 FT 2C/1		2482160000
APGTB 1.5 PE 2C/1		2482220000
A2C 2.5		1521850000
A2C 2.5 PE		1521680000
APGTB 2.5 FT 2C/1		1513970000
APGTB 2.5 PE 2C/1		1513870000

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 /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

Note

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	
matching terminals	

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

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