

Terminal blocks

Reliable supply of loads in the control cabinet

Klippon® Connect for optimal control voltage distribution

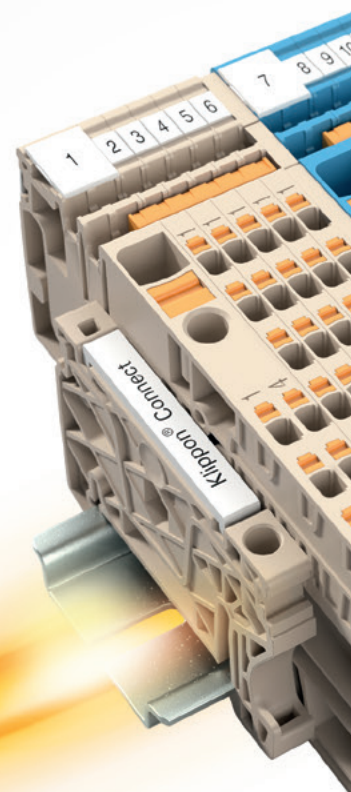
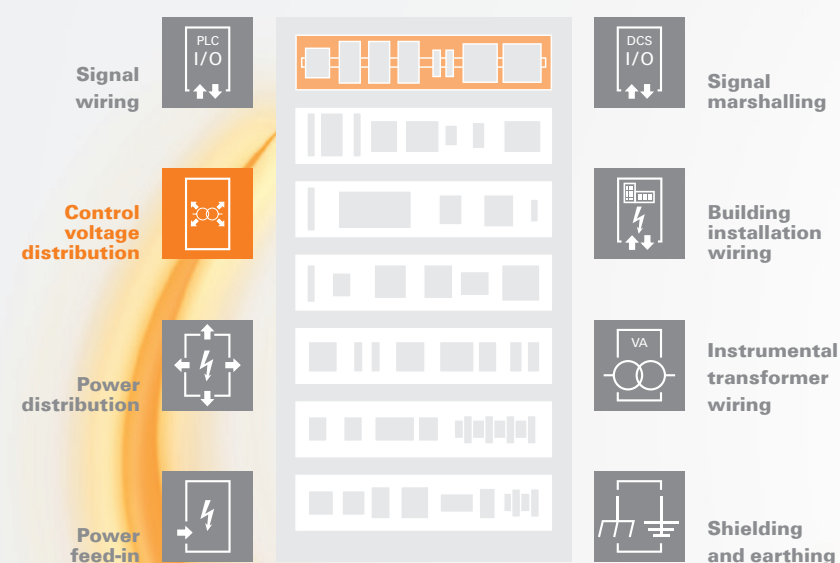


Weidmüller 

High modularity for maximum flexibility

Klippon® Connect AAP terminal blocks

For power supplies to equipment in the panel, there is an increased risk of incorrect connections because of the large number of conductors. With our tailored potential distribution terminal blocks, you can construct complete and compact control voltage distribution systems very simply. This can be achieved on an individual basis, with and without fuse protection. The considerable space-savings and reduced wiring effort mean that you can supply your panel equipment simply and effectively.



Your special advantages:



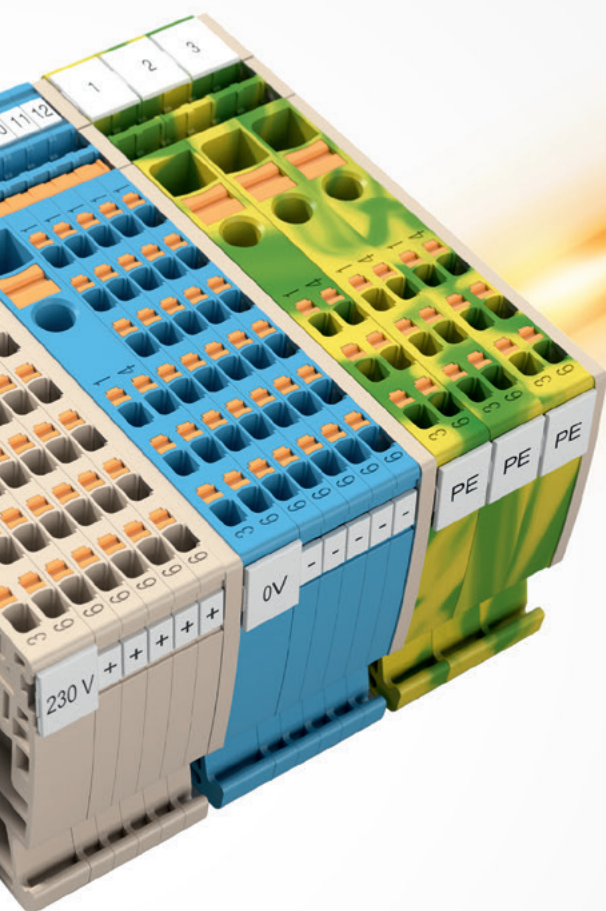
Clearly structured functional areas and the convenient PUSH IN connection technology ensure significant time savings.



The digital design of terminal strips in the WMC enables the creation of consistent documentation for production.



With the „Fast delivery service“, the fully assembled terminal strips are delivered directly to the place of use.



Achieving added value at all stages of panel building

The planning phase is crucial for the success and cost-effectiveness of the entire panel building process, and requires the intelligent interplay of digital product data and interconnected engineering tools.

Efficient, easy wiring is key to installation. Our products stand out in this respect with their intuitive handling and clear design. All terminal functions can be distinguished from each other instantly.

Our Klippon® Connect products feature standardised test points which make automated testing and checking processes possible. In this way, maintenance and testing tasks can be carried out much more safely and faster.



Simple to modify and expand thanks to a double cross-connection channel.



Our AAP terminal blocks meet 100% of the requirements specified in worldwide standards.



Resistant materials together with the PUSH IN technology ensure high connection reliability even in harsh environments.

Plan, install, and operate optimally

Planning – with perfect support

Digital assembly in the WMC

In the Weidmüller Configurator (WMC), complete terminal strips can be digitally planned, assembled, and ordered – including accessories. Complete parts lists and installation instructions for production can also be created with just one click. This avoids errors and saves costs.



Up to 50 % space saving

Up to 50 percent more compact design of the control voltage distribution compared to comparable designs. More than 150 connection points on 10 cm DIN rail ensure maximum wiring density with minimum installation space.



Pre-assembled blocks

Pre-assembled control voltage distribution blocks including accessories reduce the number of variants and storage costs. The structures differ in the number of connection points and the rated cross-section for the feed-in as well as the distribution. A choice can be made between alternating or grouped block designs.



Standard-compliant safety

Our terminal blocks are regularly inspected by independent test centres to ensure maximum product safety within the control panel. This is evidenced by corresponding test marks on the products and product labels.



Plan, install, and operate optimally

Installation – simple, fast, and safe

Maximize wiring density

Additional connections on the supply pane save components and assembly time. Depending on the system structure, additional space savings of 3.5 or 5.1 mm can be achieved and the wiring density can be maximised.

Convenient PUSH IN technology

Solid conductors as well as flexible wires with wire end ferrule can be pushed directly into the clamping point to create a reliable connection. Even fine-stranded conductors can be connected by simply pressing the coloured pusher. No special tools required!

Clearly distinguishable functional areas

The different functional areas can be clearly distinguished by shape or colour. For example, conductor connection, cross-connections, and test hole can be clearly identified. Installation and maintenance work can be carried out quickly and without errors.

Compact and modular block design

With our tailored potential distribution terminal blocks, you can construct complete and compact control voltage distribution systems very simply. This can be realised individually with and without fuse protection of the consumers, as well as in alternating or grouped block design.



Plan, install, and operate optimally

Operation – norm-compliant and safe

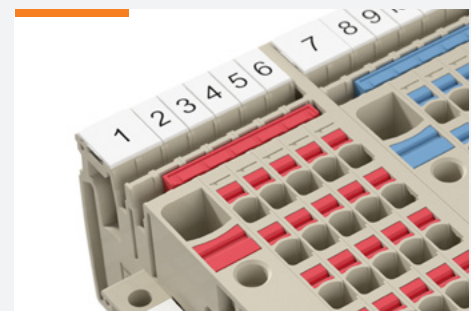
Maximum flexibility

Even after the system has been installed, the AAP system offers maximum flexibility. Thanks to the modular system, another terminal block can be attached and expanded using an additional cross-connection in the second cross-connection channel.



Large marking areas and clear contact labelling

Large marking options, which are still visible after wiring, facilitate troubleshooting and maintenance work. Thanks to the additional contact labelling each contact point on the terminal block can be clearly assigned to the connection point in the circuit diagram.



Integrated and standardised test adapter

The testing possibilities of the AAP system offers the connection of a measuring device at any potential or before and after the disconnection and fuse areas. The integrated testing point enables fast and uncomplicated testing with standard 2.0 test probes.



Avoid interference impedances during the operating phase

Interferences that affect the zero potential can be grounded through the contact on the underside of the FE variant. The zero balance grounds the interfering influences and enables a clean 0V potential. The variants designed as FE terminals are identified by a green colouring around the connection point.



Solutions for increased productivity

Highly flexible process design - with Klippon® Connect

In control circuit installations, the distribution of electrical energy must flow from the power supply to the downstream consumers in the panel. Any control circuit installation must satisfy the VDE 0100-430:2017-05 requirements. They provide comprehensive standards for the protection of cables against the effects of overcurrents and set protective regulations against overload and short-circuit.

We developed our Klippon® Connect AAP potential distribution terminal blocks to make the setup of complex control voltage distributions faster and more straightforward. They enable particularly efficient control voltage distribution to the consumers in the panel. Thanks to their unique, modular concept can be individually adapted to each application.

Klippon® Connect AAP potential distribution terminal blocks design is impressive and standardised. They are available with and without a fuse and in different structures: alternating and grouped. The various cross-connection options save space and reduce installation time.



Central wiring of preductive conductor

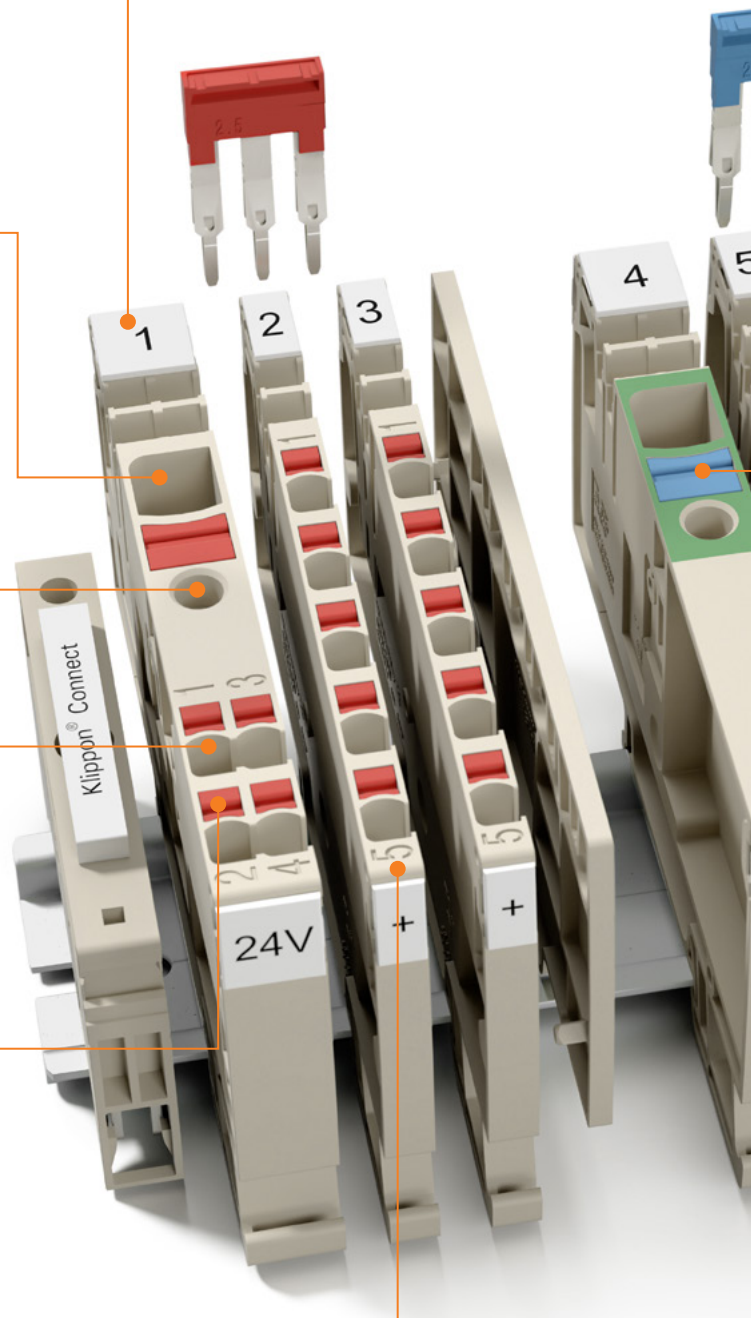
Klippon® Connect control voltage distribution with protective conductor terminal block

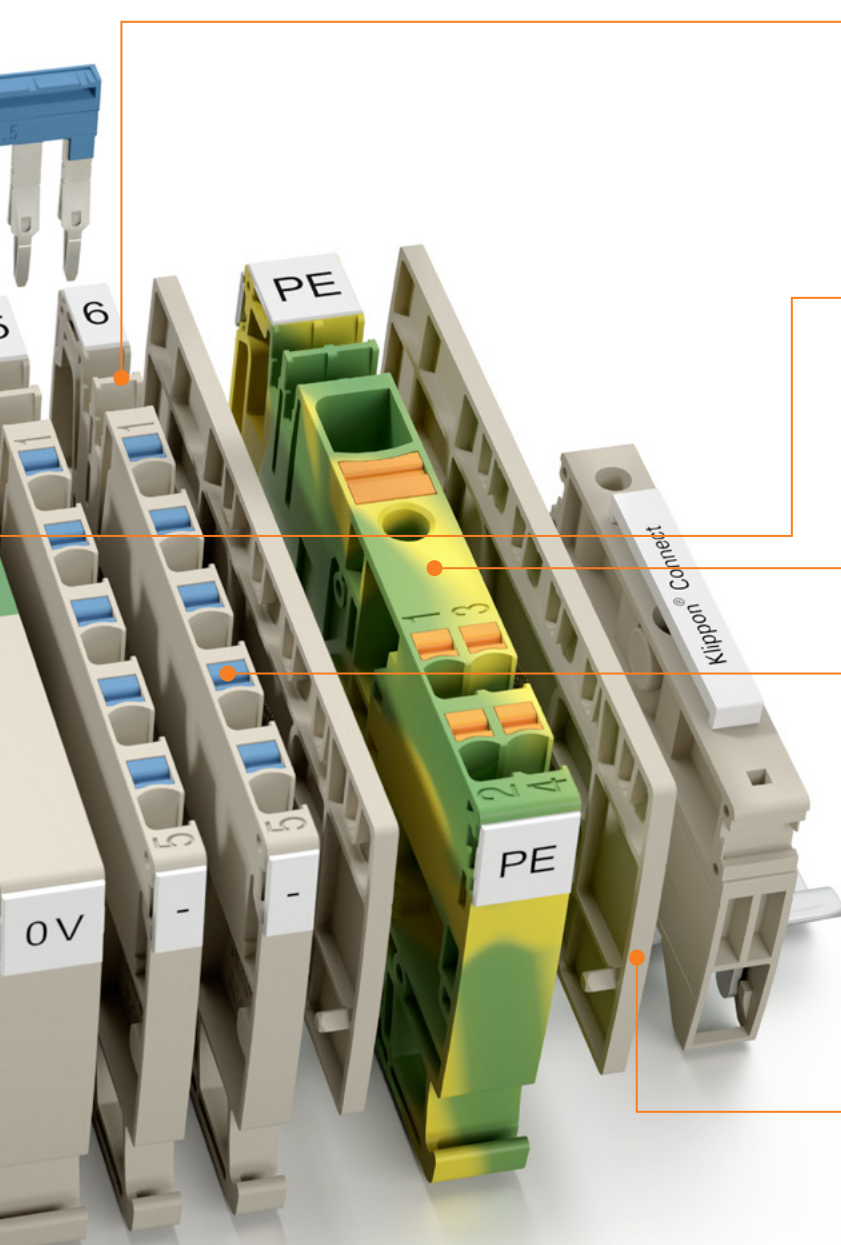
Modular earth conductor terminal blocks provide the electrical and mechanical connection between copper conductors and the mounting support. They have one or more clamping points for connection to and/or branching of preductive conductors. The AAP system is completed by the extension of terminal blocks for the connection of preductive conductors. Preductive conductors can be wired centrally and clearly. The power terminals with preductive conductor functions comply with the IEC 60947-7-2 standard.



The modular terminal block system for control voltage distribution

Each contact point on the terminal block has a distinct mark such that it can be assigned unambiguously to the connection point in the circuit diagram.





Two cross-connection channels

The modular system allows an additional terminal block to be attached and expanded via an additional cross-connection in the second cross-connection channel.

Optional FE variants

The FE terminals have a contact to the DIN rail underneath, which serves as zero adjustment of the potentials.

PE - Protective earth terminal block

Terminal blocks for connecting protective earth conductors completes the AAP system (plus, minus and PE). The power terminals with protective conductor functions comply with the IEC 60947-7-2 standard.

Clear distribution terminal block

Easily identifiable terminals to distribute power to individual branch circuits.

Robust end plates

The end plates ensure finger safety and separation of the different potentials.

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
	beige / white pusher
	green-yellow / orange pusher
	blue / orange pusher
	green / orange pusher
Note	

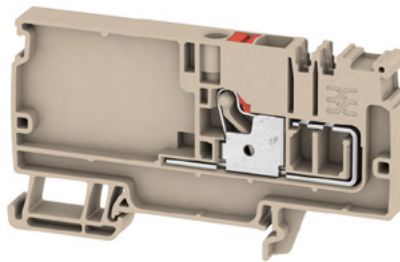
Accessories

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

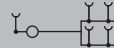
For detailed information on other accessories and application in the online catalogue

AAP11 6 LO

6 mm²



8.1 x 85.5 x 47
41 / 6
0.34...6



In accordance with IEC 60947-7-1

Ex ec II C Gc II 2 G D



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

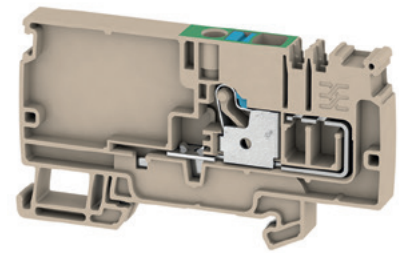
TUEV17ATEX8063U

Rated connection

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

AAP11 6 FE

6 mm²



8.1 x 85.5 x 47
/ 6
0.34...6



In accordance with IEC 60947-7-2

Ex ec II C Gc II 2 G D



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

TUEV17ATEX8063U

Rated connection

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

FE = functional earth, contact to DIN rail.

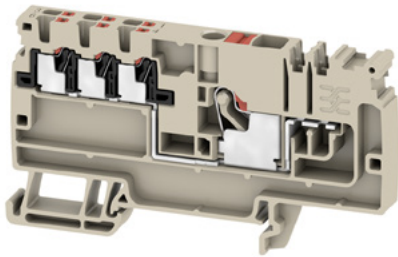
Type	Qty.	Order No.
AAP11 6 LO RD	20	1989780000
AAP11 6 LO BL	20	1988130000
AAP11 6 LO OR	20	2503650000
AAP11 6 LO WT	20	2683430000
AAP11 6 LO BL/OR	20	2522720000
AAP11 6 LO GN/OR	20	2718300000

Type	Qty.	Order No.
AAP11 6 FE	20	1988140000

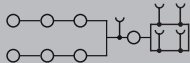
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP11 6/6X1.5 LO-LI

6 mm²

8.1 x 85.5 x 47
41 / 6
0.34...6



IEC 60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
500	300	300	500
41	38	38	33
6	AWG 26...8	AWG 26...8	6

6 kV / 3

A5 / V-0



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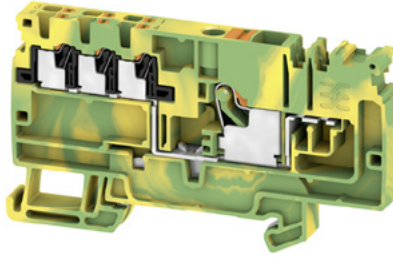
Rated connection

0.5...6 / 0.5...6

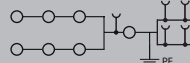
0.5...6 / 0.5...6

12 / 1.0 x 5.5 mm

AAP11 6/6X1.5 PE-LI

6 mm²

8.1 x 85.5 x 47
/ 6
0.34...6



IEC 60947-7-2

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
500	300	300	
6	AWG 26...8	AWG 26...8	6

6 kV / 3

A5 / V-0



TUEV17ATEX8063U

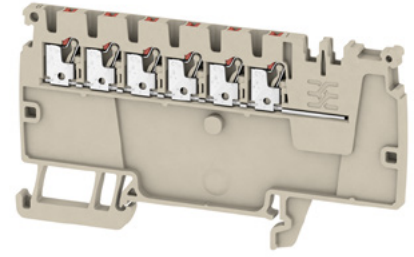
Rated connection

0.5...6 / 0.5...6

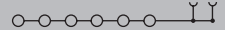
0.5...6 / 0.5...6

12 / 1.0 x 5.5 mm

AAP11 1.5 LI

1.5 mm²

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



IEC/EN 60947-7-1:2009

Ex ec II C Gc II 2 G D



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



TUEV17ATEX8063U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP11 6/6X1.5 LO-LI RD	20	2464690000
AAP11 6/6X1.5 LO-LI BL	20	2464750000
AAP11 6/6X1.5 LO-LI OR	20	2503870000
AAP11 6/6X1.5 LO-LI WT	20	2712960000
AAP11 6/6X1.5 LO-LI BL/OR	20	2522830000

Type	Qty.	Order No.
AAP11 6/6X1.5 PE-LI	20	2464740000

Type	Qty.	Order No.
AAP11 1.5 LI RD	50	1988160000
AAP11 1.5 LI BL	50	1988170000
AAP11 1.5 LI OR	50	2503910000
AAP11 1.5 LI WT	50	2683440000
AAP11 1.5 LI BL/OR	50	2522870000
AAP11 1.5 LI GN/OR	50	2614100000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 10/3.5 PLUS MC NE WS	960	2003760000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

AAP – potential distribution terminal blocks

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 pusher
	beige / orange and orange pusher
Note	

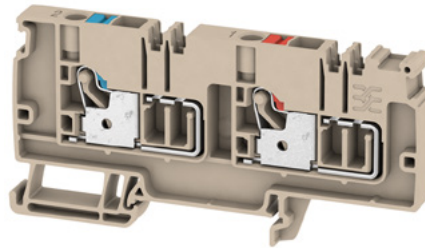
Accessories

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

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

AAP13 6 LO-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-7-1

Ex ec II C Gc II 2 G D



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

CCC CE CUL FM ENEC TÜV17ATEX8063U

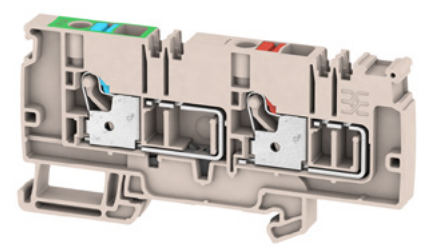
Rated connection	
0.5...6 / 0.5...6	
0.5...6 / 0.5...6	
12 / 1.0 x 5.5 mm	

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

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP13 6 FE-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-7-2

Ex ec II C Gc II 2 G D



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

CCC CE CUL FM ENEC TÜV17ATEX8063U

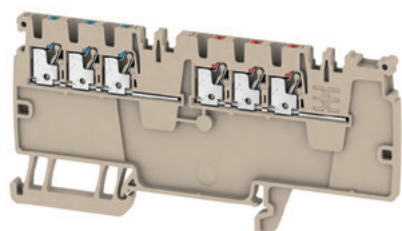
Rated connection	
0.5...6 / 0.5...6	
0.5...6 / 0.5...6	
12 / 1.0 x 5.5 mm	

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

FE = functional earth, contact to terminal rail.

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

AAP13 1.5 LI-LI

1.5 mm²

3.5 x 96 x 47

16 / 1.5

0.14...1.5



IEC/EN 60947-7-1:2009

Ex ec II C Gc II 2 G D



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



TUEV17ATEX8063U

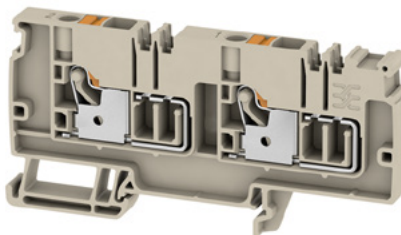
Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

AAP13 6 LO-LO OR

6 mm²

8.1 x 96 x 47

41 / 6

0.34...6



In accordance with IEC 60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250			220
41			33
6			6

4 kV / 3

A5 / V-0



TUEV17ATEX8063U

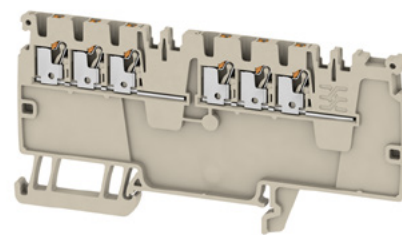
Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...6

12 / 1.0 x 5.5 mm

AAP13 1.5 LI-LI OR

1.5 mm²

3.5 x 96 x 47

16 / 1.5

0.14...1.5



IEC/EN 60947-7-1:2009

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250			220
16			13
1.5			1.5

A1 / V-0



TUEV17ATEX8063U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 /

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

Type	Qty.	Order No.
AAP13 6 LO-LO OR	20	2623910000

Type	Qty.	Order No.
AAP13 1.5 LI-LI OR	50	2623920000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 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

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 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

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 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
Note

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

SET AAP11 6/1.5/12C

6 mm²



35 x 85.5 x 47
35 / 6
0.34...6

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
35			
6			
	6 kV / 3		
	A5 / V-0		
C €			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

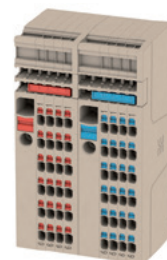
Note

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

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC NE WS	800	1046350000
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

SET AAP11 6/1.5/24C

6 mm²



49 x 85.5 x 47
41 / 6
0.34...6

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
	6 kV / 3		
	A5 / V-0		
C €			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

Note

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

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

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

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 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
Note

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

SET AAP13 6/1.5/12C

6 mm²



24.5 x 96 x 47
41 / 6
0.34...6

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		
C €			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

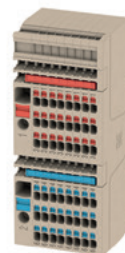
Note

Type	Qty.	Order No.
SET AAP13 6/1.5/12C	1	2506340000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC NE WS	800	1046350000
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

SET AAP13 6/1.5/24C

6 mm²



38.5 x 96 x 47
41 / 6
0.34...6

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		
C €			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

Note

Type	Qty.	Order No.
SET AAP13 6/1.5/24C	1	2506380000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

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

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/-

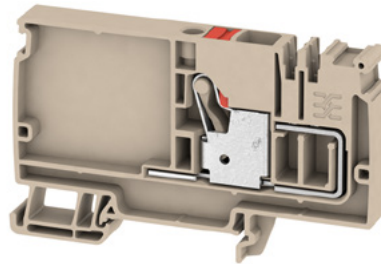
Note**Ordering data**

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	beige / white pusher
	green-yellow / orange pusher
	blue / orange pusher
	green / orange pusher
Note	

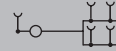
Accessories

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

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

AAP12 10 LO**10 mm²**

10 x 89 x 53.5

57 / 10**0.5...10**

In accordance with IEC 60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
800	600	600	690
57	51	51	45
10	AWG 20...6	AWG 20...6	10

8 kV / 3

A6 / V-0

TUEV17ATEX8063U

Rated connection

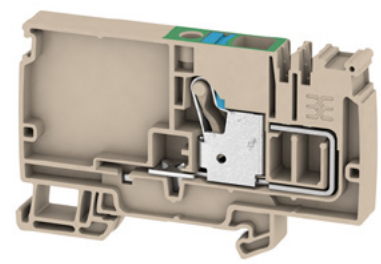
0.5...10 / 0.5...10

0.5...10 / 0.5...10

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP12 10 LO RD	20	1988190000
AAP12 10 LO BL	20	1988180000
AAP12 10 LO OR	20	2503900000
AAP12 10 LO WT	20	2683450000
AAP12 10 LO BL/OR	20	2522860000
AAP12 10 LO GN/OR	20	2619410000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

AAP12 10 FE**10 mm²**

10 x 89 x 53.5

/ 10**0.5...10**

In accordance with IEC 60947-7-2

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
800	600	600	690
10	AWG 20...6	AWG 20...6	10

8 kV / 3

A6 / V-0

TUEV17ATEX8063U

Rated connection

0.5...10 / 0.5...10

0.5...10 / 0.5...10

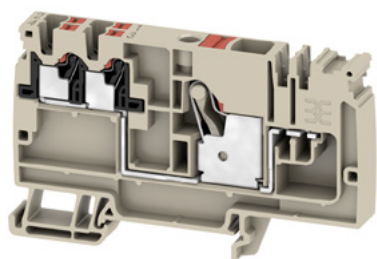
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP12 10 FE	20	1988200000

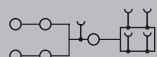
FE = functional earth, contact to DIN rail.

Type	Qty.	Order No.
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

AAP12 10/4X2.5 10 LO-LI

10 mm²

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



IEC 60947-7-1 Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
57	55	55	45
10	AWG 28...6	AWG 28...6	10

8 kV / 3

A6 / V-0

TUEV17ATEX8063U

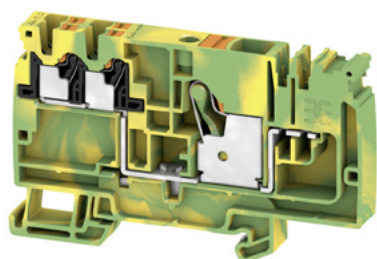
Rated connection

0.5...10 / 0.5...10

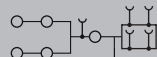
0.5...10 / 0.5...10

18 / 1.0 x 5.5 mm

AAP12 10/4X2.5 PE-LI

10 mm²

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



IEC 60947-7-2 Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	800	600
10	AWG 28...8	AWG 28...8	10

8 kV / 3

A6 / V-0

TUEV17ATEX8063U

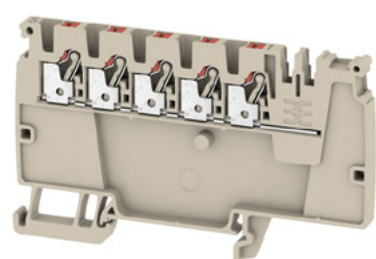
Rated connection

0.5...10 / 0.5...10

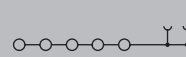
0.5...10 / 0.5...10

18 / 1.0 x 5.5 mm

AAP12 2.5 LI

2.5 mm²

5.1 x 89 x 53.5
24 / 2.5
0.14...2.5



IEC/EN 60947-1:2009 Ex ec II C Gc II 2 G D

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

8 kV / 3

A3 / V-0

TUEV17ATEX8063U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP12 10/4X2.5 LO-LI RD	20	2464730000
AAP12 10/4X2.5 LO-LI BL	20	2464720000
AAP12 10/4X2.5 LO-LI OR	20	2503890000
AAP12 10/4X2.5 LO-LI WT	20	2712970000
AAP12 10/4X2.5 LO-LI BL/OR	20	2522850000

Type	Qty.	Order No.
AAP12 10/4X2.5 PE-LI	20	2464710000

Type	Qty.	Order No.
AAP12 2.5 LI RD	50	1988290000
AAP12 2.5 LI BL	50	1988100000
AAP12 2.5 LI OR	50	2503880000
AAP12 2.5 LI WT	50	2683460000
AAP12 2.5 LI BL/OR	50	2522840000
AAP12 2.5 LI GN/OR	50	2614110000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000

Potential distribution with separate fusing



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

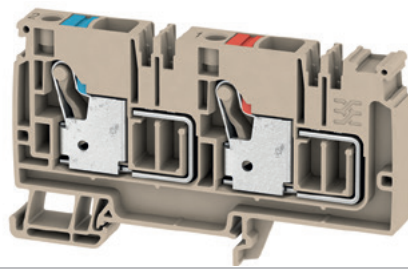
Rated data	
Rated voltage of feed-through terminal	V
Rated current for wire cross-section	A mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm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

Version	beige / red and blue pusher
Note	

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

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

10 mm²



10 x 94 x 53.5

57 / 10

0.5...10

In accordance with IEC

60947-7-1

Ex ec II C Gc II 2 G D

IEC	UL	CSA	EN 60079-7
-----	----	-----	------------

500	150	150	352
-----	-----	-----	-----

57	51	51	45
----	----	----	----

10	AWG 20...6	AWG 20...6	10
----	------------	------------	----

6 kV / 3

A6 / V-0

    				TUEV17ATEX8063U
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Rated connection

0.5...10 / 0.5...10

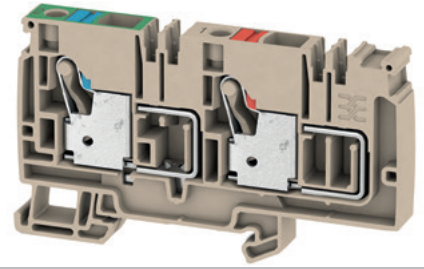
0.5...10 / 0.5...10

18 / 1.0 x 5.5 mm

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

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP14		20	1988340000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 VO		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
WS-A 8/10 MM WS		350	2619890000
WS 10/12 MC NE WS		300	1905970000

10 mm²

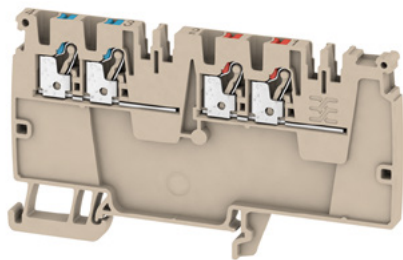


10 x 94 x 53.5			
57 / 10			
0.5...10			
In accordance with IEC 60947-7-2  			
Ex ec II C Gc II 2 G D 			
IEC	UL	CSA	EN 60079-7
500	150	300	352
57	51	51	45
10	AWG 20...6	AWG 20...6	10
6 kV / 3			
A6 / V-0			
			TUEV17ATEX8063U
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5 mm			

Type	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000
FE = functional earth, contact to terminal rail		

Type		Qty.	Order No.
ZQV 2.5N/2 RD	24 A	60	2108470000
ZQV 2.5N/10 RD	24 A	20	2108910000
ZQV 2.5N/2 BL	24 A	60	1527740000
ZQV 2.5N/10 BL	24 A	20	1527880000
AEP AP14		20	1988340000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
WS-A 8/10 MM WS		350	2619890000
WS 10/12 MC NE WS		300	1905970000

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

AAP14 2.5 LI-LI**2.5 mm²**

5.1 x 94 x 53.5

24 / 2.5**0.14...2.5**

IEC/EN 60947-7-1:2009

Ex ec II C Gc II 2 G D



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



TUEV17ATEX8063U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000

AEP AP14	20	1988340000
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AEB 35 SC/1	50	1991920000
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AEB 35 SCL/1 VO	20	2661280000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
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WS 8/5 MM WS	800	2007150000
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WS 10/5 M PLUS MC NE WS	600	2003770000
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DEK 5/5 MM WS	800	2007110000
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AAP – potential distribution terminal blocks

SET AAP12 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

48 / 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
800			
48			
10			
	8 kV / 3		
	A6 / V-0		

CE

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

Ordering data

Version
Note

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

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000

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

AAP – potential distribution terminal blocks

SET AAP14 10/2.5/10C

10 mm²



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

36.5 x 89 x 53.5

57 / 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
500			
57			
10			
	8 kV / 3		
	A6 / V-0		

CE

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

Ordering data

Version
Note

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

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000

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

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



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

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version
beige / red pusher
beige / blue pusher
beige / orange pusher
blue / orange pusher

Note

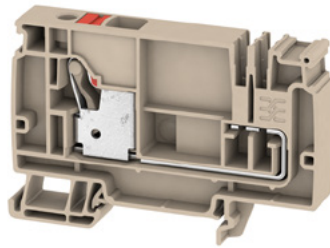
Accessories

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

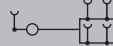
For detailed information on other accessories and application in the online catalogue

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 (C)	600 (C)	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
V-0			

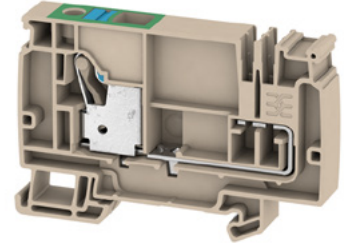
CE CE CE CE CE

Rated connection

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

AAP21 10 FE

10 mm²



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



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	600 (C)	600 (C)	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
V-0			

CE CE CE CE CE

Rated connection

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

Type	Qty.	Order No.
AAP21 10 FE	20	2428920000

Functional earth (FE), contact to terminal rail

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000

AEP AP21	20	2429020000
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AEB 35 SC/1	50	1991920000
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AEB 35 SCL/1 V0	20	2661280000
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ATPG 1.5-10 L	0.2 A 50	1991890000
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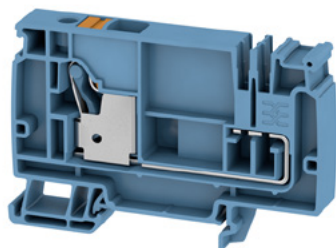
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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WS-A 8/12 MM WS	300	2619900000
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WS 8/6 PLUS MC NE WS	600	1951880000
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AAP21 10 LO

10 mm²

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



In accordance with IEC 60947-7-1

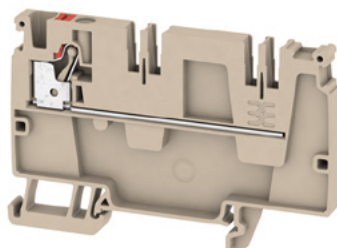
IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57	51	51	
10	AWG 20...6	AWG 20...6	
4 kV / 3			
V-0			



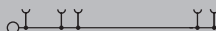
Rated connection

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

AAP21 4 LI

4 mm²

6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1

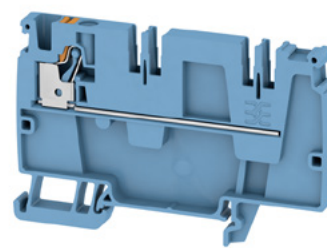
IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
V-0			



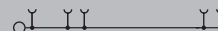
Rated connection

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

AAP21 4 LI

4 mm²

6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	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

Type	Qty.	Order No.
AAP21 10 LO BL/OR	20	2581800000

Type	Qty.	Order No.
AAP21 4 LI RD	50	2428930000
AAP21 4 LI BL	50	2428960000
AAP21 4 LI OR	50	2581700000

Type	Qty.	Order No.
AAP21 4 LI BL/OR	50	2582530000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS-A 8/12 MM WS	300	2619900000
WS 8/6 PLUS MC NE WS	600	1951880000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

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
beige / red pusher, 250 V AC/DC, without LED
beige / red pusher, 10-36 V AC/DC, with LED
beige / red pusher, 30-70 V AC/DC, with LED
beige / red pusher, 60-150 V AC/DC, with LED
beige / red pusher, 100-250 V AC/DC, with LED
beige / orange pusher, 250 V AC/DC, without LED
beige / orange pusher, 100-250 V AC/DC, with LED
beige / blue pusher
beige / orange pusher
blue / orange pusher

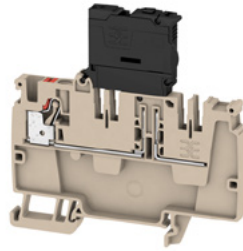
Note

Accessories

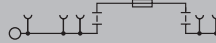
Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
For detailed information on other accessories and application in the online catalogue	

AAP21 4 FS

4 mm²



6.1 x 82 x 82
6.3 / 4
0.14...4

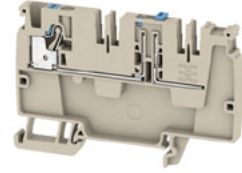


In accordance with IEC 60947-7-3

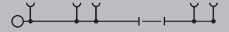
IEC	UL	CSA	EN 60079-7
250	150 (C)	150 (C)	
6.3	10	10	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
V-0			
  			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 mm			
0.6 x 3.5 mm			

AAP21 4 DT

4 mm²



6.1 x 82 x 55
20 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150 (C)	150 (C)	
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			

Type	Qty.	Order No.
AAP21 4 FS	50	2428950000
AAP21 4 FS 10-36V	50	2458990000
AAP21 4 FS 30-70V	50	2460200000
AAP21 4 FS 60-150V	50	2460190000
AAP21 4 FS 100-250V	50	2460180000
AAP21 4 FS OR	50	2581720000
AAP21 4 FS 100-250V OR	50	2581790000

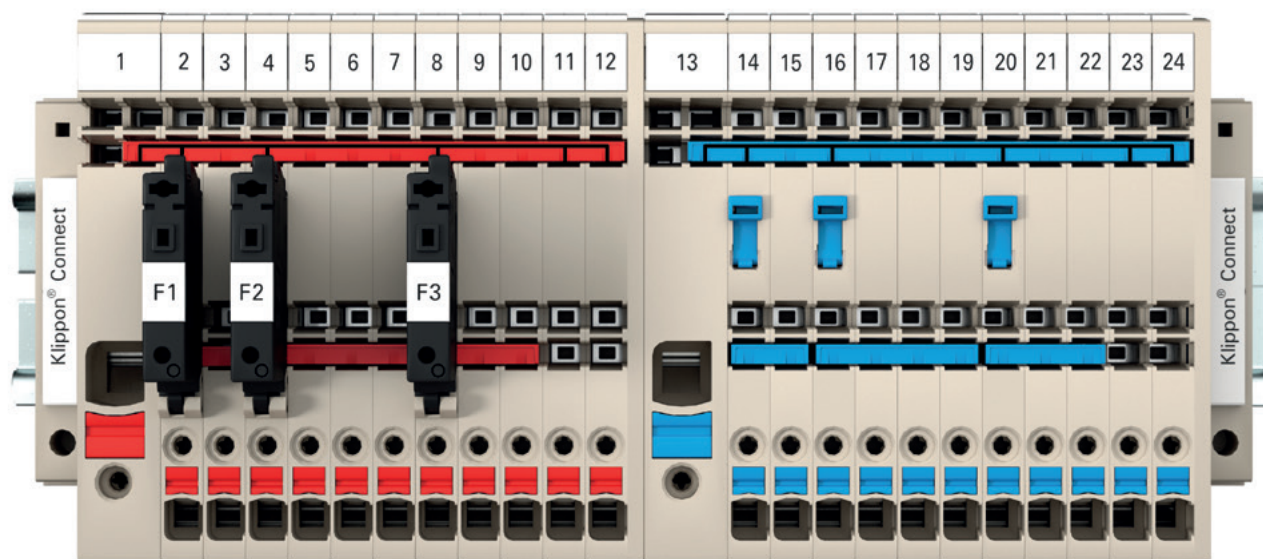
Type	Qty.	Order No.
AAP21 4 DT	50	2428980000
AAP21 4 DT OR	50	2581710000
AAP21 4 DT BL/OR	50	2582520000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

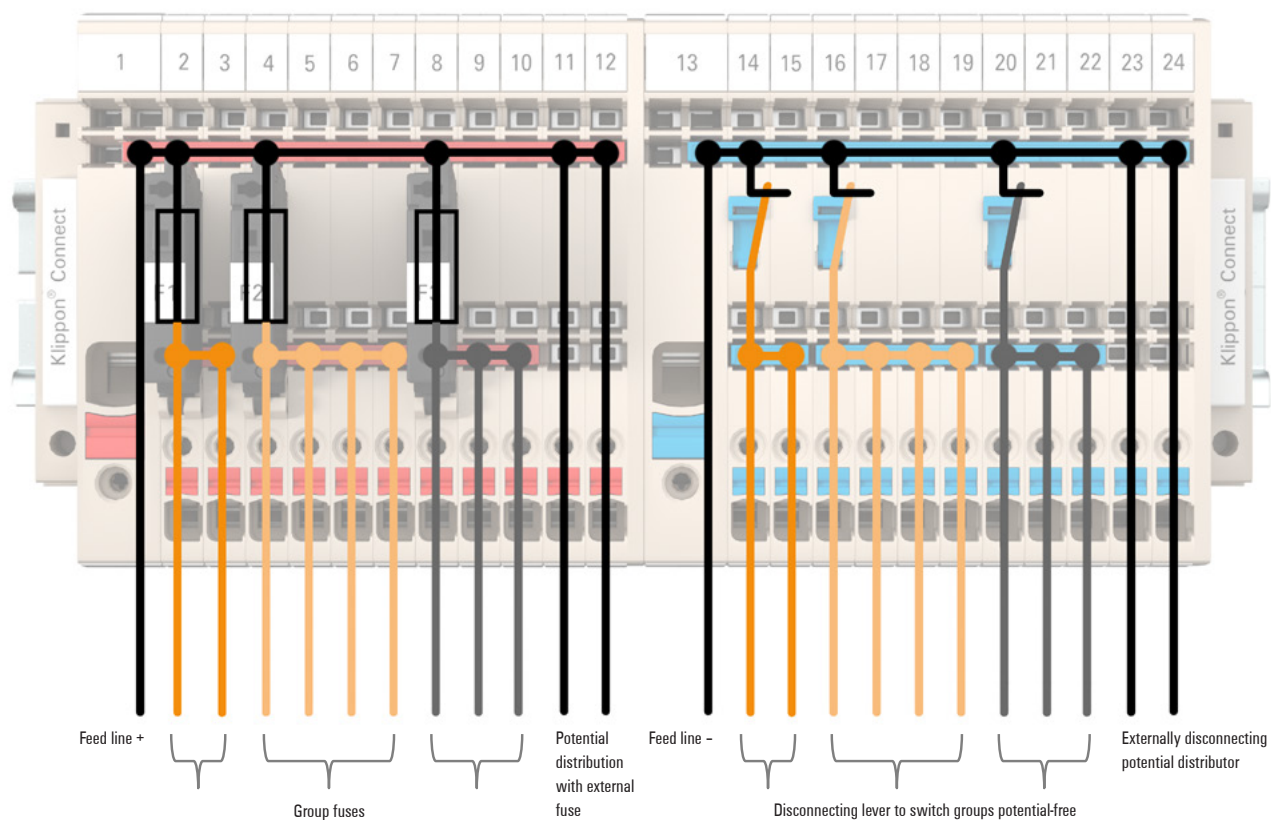
Clear, compact construction of control voltage distribution

Example configuration of potential distribution terminal block with fusing



- Group fusing through breakaway of individual poles in the cross-connections
- Groups can be switched potential-free via a disconnecter
- 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 pusher
Note

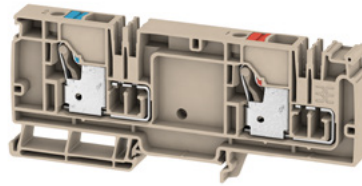
Accessories

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

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

AAP22 10 LO-LO

10 mm²



12 x 129 x 53.5
57 / 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		

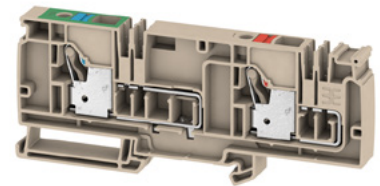


Rated connection

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

AAP22 10 FE-LO

10 mm²



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



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
	4 kV / 3		
	A6 / V-0		



Rated connection

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

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

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/12 MM WS	300	2619900000
WS-A 8/12 MM WS	300	2619900000
WS 8/6 PLUS MC NE WS	600	1951880000

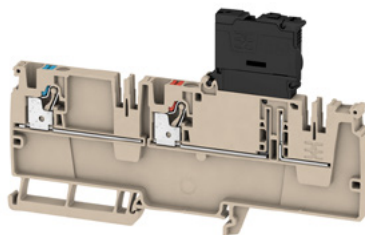
Type	Qty.	Order No.
AAP22 10 FE-LO	20	2429000000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/12 MM WS	300	2619900000
WS-A 8/12 MM WS	300	2619900000
WS 8/6 PLUS MC NE WS	600	1951880000

AAP - potential distribution terminal blocks

AAP22 4 LI-FS

4 mm²

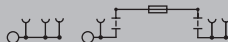


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 129 x 82

6.3 / 4

0.14...4



Technical data

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

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

IEC	UL	CSA	EN 60079-7
500	300 (D)		
6.3	10		
4	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

Ordering data

Version	
250 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
AAP22 4 LI-FS	50	2429010000
AAP22 4 LI-FS 10-36V	50	2459010000
AAP22 4 LI-FS 30-70V	50	2460140000
AAP22 4 LI-FS 60-150V	50	2460130000
AAP22 4 LI-FS 100-250V	50	2460120000

Accessories

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

G-fuse cartridge, 5 x 20 mm (IEC 60127-2)

0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast

Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

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

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