

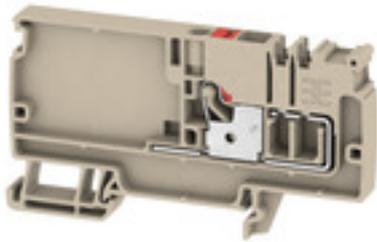
**AAP11 6 LO RD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

The unique modular concept can be tailored to every type of machine. The potential distribution terminal blocks AAP are successful thanks to their uniform design with two possible constructions – alternating or grouped. In the grouped structure of the control voltage distribution, the potentials are located on different terminal blocks and thus form entire potential blocks.

**General ordering data**

Version	Supply terminal, PUSH IN, 6 mm <sup>2</sup> , 500 V, 41 A, dark beige
Order No.	<a href="#">1989780000</a>
Type	AAP11 6 LO RD
GTIN (EAN)	4050118485097
Qty.	20 pc(s).

## AAP11 6 LO RD

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## Technical data

### Dimensions and weights

Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	48 mm	Height	85.5 mm
Height (inches)	3.366 inch	Width	8.1 mm
Width (inches)	0.319 inch	Net weight	15.385 g

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

### Material data

Material	Wemid	Colour	dark beige
Colour of operational elements	red	UL 94 flammability rating	V-0

### Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8030U	Certificate No. (IECEX)	IECEXTUR17.0015U
Max. voltage (ATEX)	550 V	Current (ATEX)	33 A
Wire cross section max. (ATEX)	6 mm <sup>2</sup>	Max. voltage (IECEX)	550 V
Current (IECEX)	33 A	Wire cross section max. (IECEX)	6 mm <sup>2</sup>
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 2 G D

### System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	1
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

### Additional technical data

Explosion-tested version	Yes	Installation advice	Rail
Open sides	right	Snap-on	No
Type of fixing	Snap-on	Type of mounting	TS 35
With snap-in pegs	No		

### CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	36 A
Current size C (CSA)	36 A	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

### Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

### Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm
Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.34 mm <sup>2</sup>

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## Technical data

Connection cross-section, stranded, max.	6 mm <sup>2</sup>			
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>			
Connection direction	top			
Gauge to IEC 60947-1	A5			
Number of connections	1			
Stripping length	12 mm			
Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>	
	Tube length	min.	10 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>	
	Tube length	min.	10 mm	
		max.	18 mm	
	Cross-section for conductor connection	min.	1 mm <sup>2</sup>	
	Tube length	max.	1.5 mm <sup>2</sup>	
		min.	12 mm	
	max.	18 mm		
	Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		Tube length	max.	1 mm <sup>2</sup>
min.			10 mm	
max.		12 mm		
Cross-section for conductor connection		nominal	1.5 mm <sup>2</sup>	
Tube length		min.	10 mm	
		max.	18 mm	
Cross-section for conductor connection		nominal	2.5 mm <sup>2</sup>	
Tube length		min.	12 mm	
		max.	18 mm	
Cross-section for conductor connection		min.	4 mm <sup>2</sup>	
Tube length		max.	6 mm <sup>2</sup>	
	min.	10 mm		
max.	18 mm			
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>	
	Tube length	max.	1 mm <sup>2</sup>	
		nominal	10 mm	
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>	
	Tube length	max.	2.5 mm <sup>2</sup>	
		min.	10 mm	
	Cross-section for conductor connection	nominal	4 mm <sup>2</sup>	
	Tube length	min.	12 mm	
		max.	18 mm	
	Cross-section for conductor connection	min.	6 mm <sup>2</sup>	
	Tube length	max.	10 mm <sup>2</sup>	
		min.	10 mm	
max.	18 mm			
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>			
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>			
Type of connection	PUSH IN			
Wire connection cross section AWG, max.	AWG 8			
Wire connection cross section AWG, min.	AWG 22			
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm <sup>2</sup>			

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

### General

Installation advice	Rail	Rail	TS 35
Standards	In accordance with IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 22		

### Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	41 A
Current at maximum wires	41 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3
Surge voltage category	III		

### UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	22 AWG	Current size B (cURus)	36 A
Current size C (cURus)	36 A	Voltage size B (cURus)	300 V
Voltage size C (cURus)	300 V		

### Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01
ECLASS 14.0	27-25-01-01		

### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

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Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">DNVGL certificate</a> <a href="#">BV certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">20-AV4BO-0271U</a> <a href="#">DNV Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Tender specification	<a href="#">Klippon® Connect 1989780000 DE</a> <a href="#">Klippon® Connect 1989780000 EN</a>
User Documentation	<a href="#">NTI AAP11</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">AAP Terminal Blocks for control voltage distribution</a> <a href="#">User Manual AXC 1.5-16</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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Drawings

