

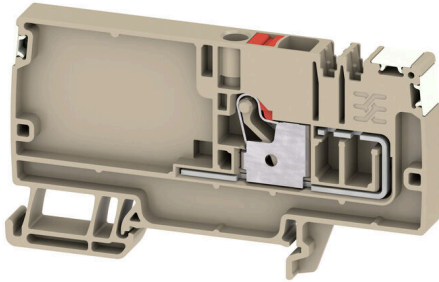
**AAP11 6 LO DL RD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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="#">2675300000</a>
Type	AAP11 6 LO DL RD
GTIN (EAN)	4050118733488
Qty.	20 items

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Depth	48 mm	Depth (inches)	1.8898 inch
Depth including DIN rail	48 mm	Height	85.5 mm
Height (inches)	3.3661 inch	Width	8.1 mm
Width (inches)	0.3189 inch	Net weight	16.98 g

**Temperatures**

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

**Environmental Product Compliance**

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

**Material data**

Basic 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	Mounting rail	TS 35
PE function	No		

**Additional technical data**

Open sides	right	Snap-on	Yes
Explosion-tested version	Yes	Type of mounting	TS 35

**Conductors for clamping (additional connection)**

Connection type, additional connection PUSH IN

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**Conductors for clamping (rated connection)**

Gauge to IEC 60947-1	A5			
Wire connection cross section AWG, max.	AWG 8			
Connection direction	top			
Stripping length	12 mm			
Type of connection 2	PUSH IN			
Type of connection	PUSH IN			
Number of connections	1			
Clamping range, max.	6 mm <sup>2</sup>			
Clamping range, min.	0.34 mm <sup>2</sup>			
Blade size	1.0 x 5.5 mm			
Wire connection cross section AWG, min.	AWG 22			
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.	0.34 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.34 mm <sup>2</sup>			
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.34 mm <sup>2</sup>			
Connection cross-section, stranded, max.	6 mm <sup>2</sup>			
Connection cross-section, stranded, min.	0.34 mm <sup>2</sup>			
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>			
Twin wire-end ferrules, 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.	0.34 mm <sup>2</sup>			
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	10 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>	
		max.	1 mm <sup>2</sup>	
	Tube length	min.	10 mm	
		max.	18 mm	
	Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>	
	Tube length	min.	12 mm	
		max.	18 mm	
	Cross-section for conductor connection	nominal	2.5 mm <sup>2</sup>	
	Tube length	min.	10 mm	
		max.	18 mm	
	Cross-section for conductor connection	min.	4 mm <sup>2</sup>	
		max.	6 mm <sup>2</sup>	
	Tube length for twin wire-end ferrule	Tube length	min.	10 mm
			max.	12 mm
Cross-section for conductor connection		nominal	0.5 mm <sup>2</sup>	
Tube length		min.	10 mm	
		max.	18 mm	
Cross-section for conductor connection		nominal	0.75 mm <sup>2</sup>	

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**Technical data**

Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	12 mm
		max.	18 mm
	Cross-section for conductor connection	min.	1 mm <sup>2</sup>
		max.	1.5 mm <sup>2</sup>
	Tube length	nominal	10 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	min.	10 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	2.5 mm <sup>2</sup>
	Tube length	min.	12 mm
		max.	18 mm
Cross-section for conductor connection	nominal	4 mm <sup>2</sup>	
Tube length	min.	10 mm	
	max.	18 mm	
Cross-section for conductor connection	min.	6 mm <sup>2</sup>	
	max.	10 mm <sup>2</sup>	

**General**

Number of poles	1	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 22	Standards	In accordance with IEC 60947-7-1
Mounting rail	TS 35		

**Rating data**

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	500 V
Rated AC voltage	500 V	Rated DC voltage	500 V
Nominal 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
Surge voltage category	III	Pollution severity	3

**Classifications**

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

Drawings

