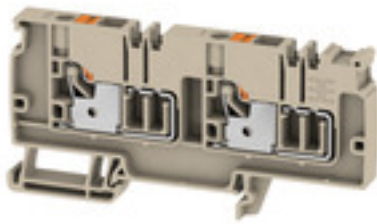


AAP13 6 LO-LO OR**Weidmüller Interface GmbH & Co. KG**

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. With the alternating design of the control voltage distribution, both potentials are located on only one terminal block.

General ordering data

Version	Supply terminal, PUSH IN, 6 mm ² , 250 V, 41 A, beige
Order No.	2623910000
Type	AAP13 6 LO-LO OR
GTIN (EAN)	4050118627459
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	47 mm	Depth (inches)	1.85 inch
Height	96 mm	Height (inches)	3.78 inch
Width	8.1 mm	Width (inches)	0.319 inch
Net weight	22.31 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	beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8030U	Certificate No. (IECEX)	IECEXTUR17.0015U
Max. voltage (ATEX)	220 V	Current (ATEX)	33 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEX)	220 V
Current (IECEX)	33 A	Wire cross section max. (IECEX)	6 mm ²
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	2
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	2	Rail	TS 35
PE function	No	PEN function	No

Additional technical data

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

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 ²
Clamping range, min.	0.34 mm ²
Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	top
Gauge to IEC 60947-1	A5
Number of connections	2
Stripping length	12 mm

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Technical data

Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm ²
	Tube length	max.	12 mm
		min.	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
	Tube length	max.	18 mm
		min.	10 mm
	Cross-section for conductor connection	min.	1 mm ²
	Tube length	max.	1.5 mm ²
		min.	12 mm
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.5 mm ²
	Tube length	max.	1 mm ²
		min.	12 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
	Tube length	max.	18 mm
		min.	10 mm
	Cross-section for conductor connection	nominal	2.5 mm ²
	Tube length	max.	18 mm
		min.	12 mm
	Cross-section for conductor connection	min.	4 mm ²
	Tube length	max.	6 mm ²
		min.	18 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm ²
	Tube length	max.	1 mm ²
		min.	10 mm
	Cross-section for conductor connection	min.	1.5 mm ²
	Tube length	max.	2.5 mm ²
		min.	10 mm
	Cross-section for conductor connection	nominal	4 mm ²
	Tube length	max.	18 mm
		min.	12 mm
	Cross-section for conductor connection	min.	6 mm ²
	Tube length	max.	10 mm ²
		min.	18 mm
Twin wire-end ferrules, max.	1.5 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
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 ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²		

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.5 mm²

Wire connection cross-section, solid core, max. 6 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

General

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 ²	Rated voltage	250 V
Rated voltage to adjoining terminal	250 V	Rated DC voltage	250 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	4 kV	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3	Surge voltage category	III

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

Approvals

Approvals



Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate DNVGL certificate CCC Ex Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	NTI AAP13 StorageConditionsTerminalBlocks AAP Terminal Blocks for control voltage distribution User Manual AXC 1.5-16
Catalogues	Catalogues in PDF-format

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Drawings

