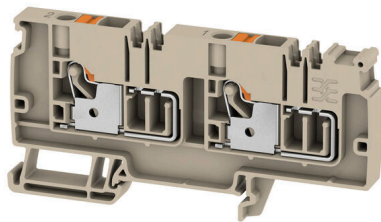


AAP13 6 LO-LO OR**Weidmüller Interface GmbH & Co. KG**

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 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	47 mm	Depth (inches)	1.8504 inch
Height	96 mm	Height (inches)	3.7795 inch
Width	8.1 mm	Width (inches)	0.3189 inch
Net weight	22.31 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	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	Levels cross-connected internally	No
Mounting rail	TS 35	PE function	No
PEN function	No		

Additional technical data

Open sides	right	Snap-on	Yes
Type of fixing	Snap-on	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	PUSH IN		
Number of connections	2		
Clamping range, max.	6 mm ²		
Clamping range, min.	0.34 mm ²		
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 ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.34 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.	0.34 mm ²		
Wire connection cross section, finely stranded, max.	6 mm ²		
Wire connection cross section, finely stranded, min.	0.34 mm ²		
Connection cross-section, stranded, max.	6 mm ²		
Connection cross-section, stranded, min.	0.34 mm ²		
Twin wire-end ferrules, max.	1.5 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	6 mm ²		
Wire connection cross-section, solid core, min.	0.34 mm ²		
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 ²
		max.	1 mm ²
	Tube length	min.	10 mm
		max.	18 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
	Tube length	min.	12 mm
		max.	18 mm
	Cross-section for conductor connection	nominal	2.5 mm ²
	Tube length	min.	10 mm
		max.	18 mm
Cross-section for conductor connection	min.	4 mm ²	
	max.	6 mm ²	
Tube length for twin wire-end ferrule	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	0.5 mm ²
	Tube length	min.	10 mm
		max.	18 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
Tube length	min.	12 mm	

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Technical data

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

General

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 ²	Rated voltage	250 V
Rated voltage to adjoining terminal	250 V	Rated DC voltage	250 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	4 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	27-25-01-01
ECLASS 15.0	27-25-01-01		

Drawings

