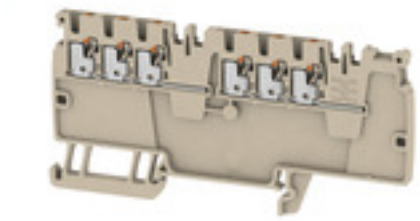
AAP13 1.5 LI-LI OR

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	Modular distribution terminals, PUSH IN, 1.5 mm², 250 V, 16 A, orange
Order No.	2623920000
Type	AAP13 1.5 LI-LI OR
GTIN (EAN)	4050118627442
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	48 mm	Height	96 mm
Height (inches)	3.78 inch	Width	3.5 mm
Width (inches)	0.138 inch	Net weight	9.019 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	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)	13 A
Wire cross section max. (ATEX)	1.5 mm²	Max. voltage (IECEX)	220 V
Current (IECEX)	13 A	Wire cross section max. (IECEX)	1.5 mm²
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 levels	1
Levels cross-connected internally	No		

Additional technical data

Explosion-tested version	Yes	Installation advice	Rail

Conductors for clamping (additional connection)

Connection type, additional connection	PUSH IN

Conductors for clamping (rated connection)

Clamping range, max.	1.5 mm²		
Clamping range, min.	0.14 mm²		
Connection cross-section, stranded, max.	1.5 mm²		
Connection cross-section, stranded, min.	0.5 mm²		
Gauge to IEC 60947-1	A1		
Stripping length	8 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	max.	8 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.14 mm²
		max.	0.75 mm²

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Technical data

Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	5 mm
	Cross-section for conductor connection	nominal	0.25 mm²
	Tube length	nominal	6 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	1.5 mm²
Type of connection	PUSH IN		
Wire connection cross section AWG, max.	AWG 14		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross section, finely stranded, max.	1.5 mm²		
Wire connection cross section, finely stranded, min.	0.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²		
Wire connection cross-section, solid core, max.	1.5 mm²		
Wire connection cross-section, solid core, min.	0.5 mm²		

General

Installation advice	Rail	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated voltage to adjoining terminal	250 V	Rated DC voltage	250 V
Rated current	16 A	Current at maximum wires	16 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Power loss in accordance with IEC 60947-7-x	0.56 W		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	14 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	14 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	13 A
Current size C (cURus)	13 A	Current size D (cURus)	5 A
Voltage size B (cURus)	150 V	Voltage size C (cURus)	150 V
Voltage size D (cURus)	300 V		

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Technical data

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

Environmental Product Compliance

REACH SVHC	/

Approvals

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

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate ATEX Certificate DNVGL certificate CCC Ex Certificate 20-AV4BO-0271U 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