

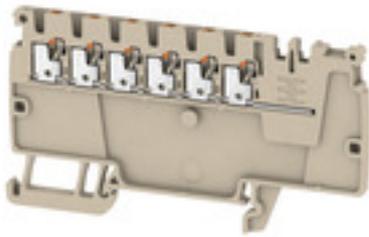
AAP11 1.5 LI OR**Weidmüller Interface GmbH & Co. KG**

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. 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	Modular distribution terminals, PUSH IN, 1.5 mm ² , 500 V, 17.5 A, dark beige
Order No.	2503910000
Type	AAP11 1.5 LI OR
GTIN (EAN)	4050118517583
Qty.	50 pièce(s)

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Caractéristiques techniques

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	3,5 mm
Width (inches)	0,138 inch	Net weight	8,253 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	orange	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)	13 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	13 A	Wire cross section max. (IECEX)	1.5 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	1
Number of levels	1	Number of clamping points per level	6
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)	13 A
Current size C (CSA)	13 A	Current size D (CSA)	5 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm
Clamping range, max.	1,5 mm ²

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Clamping range, min.	0,14 mm ²		
Connection cross-section, stranded, max.	1,5 mm ²		
Connection cross-section, stranded, min.	0,5 mm ²		
Connection direction	top		
Gauge to IEC 60947-1	A1		
Number of connections	6		
Stripping length	8 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0,14 mm ²
		max.	0,75 mm ²
	Tube length	min.	6 mm
		max.	8 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0,25 mm ²
	Tube length	min.	5 mm
	Cross-section for conductor connection	min.	0,5 mm ²
		max.	1 mm ²
	Tube length	nominal	6 mm
	Cross-section for conductor connection	nominal	1,5 mm ²
Tube length	nominal	10 mm	
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 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.	1,5 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.	1 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0,5 mm ²		
Wire connection cross-section, solid core, max.	1,5 mm ²		
Wire connection cross-section, solid core, min.	0,5 mm ²		

General

Installation advice	Rail	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26		

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Caractéristiques techniques

Rating data

Rated cross-section	1,5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	17,5 A
Current at maximum wires	17,5 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1,83 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0,56 W	Pollution severity	3
Surge voltage category	III		

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)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 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%

Approvals

Approvals



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

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Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate DE PT0205 20171010 045 ISSUE01.pdf ATEX Certificate CB Test Certificate CB Certificate DNVGL certificate CCC Ex Certificate 20-AV4BO-0271U DNV Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Tender specification	Klippon® Connect 2503910000 DE Klippon® Connect 2503910000 EN
User Documentation	NTI AAP11 StorageConditionsTerminalBlocks AAP Terminal Blocks for control voltage distribution User Manual AXC 1.5-16
Catalogues	Catalogues in PDF-format

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Dessins

