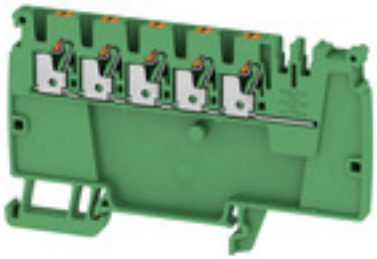
AAP12 2.5 LI GN/OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



Control voltage distribution
Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.

General ordering data

Version	Modular distribution terminals, 2.5 mm², 800, 24 A, green
Order No.	2614110000
Type	AAP12 2.5 LI GN/OR
GTIN (EAN)	4050118618020
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.106 inch
Depth including DIN rail	54 mm	Height	89 mm
Height (inches)	3.504 inch	Net weight	12.674 g
Width	5.1 mm	Width (inches)	0.201 inch

Temperatures

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

Material data

Material	Wemid	Colour	green
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8030U	Certificate No. (IECEX)	IECEXTUR17.0015U
Max. voltage (ATEX)	690 V	Current (ATEX)	20 A
Wire cross section max. (ATEX)	2.5 mm²	Max. voltage (IECEX)	690 V
Current (IECEX)	20 A	Wire cross section max. (IECEX)	2.5 mm²
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 2 G D

Additional technical data

Installation advice	Rail

Conductors for clamping (rated connection)

Clamping range, max.	2.5 mm²		
Clamping range, min.	0.14 mm²		
Connection cross-section, stranded, max.	2.5 mm²		
Connection cross-section, stranded, min.	0.5 mm²		
Stripping length	10 mm		
Tube length for AEH with plastic collar DIN 46228/4	Tube length	max.	6 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.34 mm²
		max.	0.14 mm²
	Tube length	max.	6 mm
		min.	12 mm
	Cross-section for conductor connection	min.	1 mm²
		max.	0.5 mm²
	Tube length	max.	8 mm
		min.	12 mm
	Cross-section for conductor connection	min.	2.5 mm²
		max.	1.5 mm²

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Technical data

Tube length for AEH without plastic collar DIN 46228/1	Tube length	nominal	5 mm
	Cross-section for conductor connection	nominal	0.25 mm²
	Tube length	max.	10 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	max.	12 mm
		min.	7 mm
	Cross-section for conductor connection	min.	1.5 mm²
		max.	2.5 mm²
Tube length for twin wire-end ferrule	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	0.75 mm²

Twin wire-end ferrules, max.	0.75 mm²
Twin wire-end ferrules, min.	0.5 mm²
Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 28
Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	2.5 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.	2.5 mm²
Wire connection cross-section, solid core, min.	0.5 mm²

General

Installation advice	Rail	Standards	IEC/EN 60947-7-1:2009
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28

Rating data

Rated cross-section	2.5 mm²	Rated voltage	800
Rated voltage to adjoining terminal	800 V	Rated current	24 A
Standards	IEC/EN 60947-7-1:2009	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	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

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Technical data

Approvals

Approvals	

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate ATEX Certificate CB Test Certificate CB Certificate MARITREG certificate CCC Ex Certificate EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	NTI AAP12 StorageConditionsTerminalBlocks PI Klippon AAP DE PI Klippon AAP EN
Brochure/Catalogue	Catalogues in PDF-format