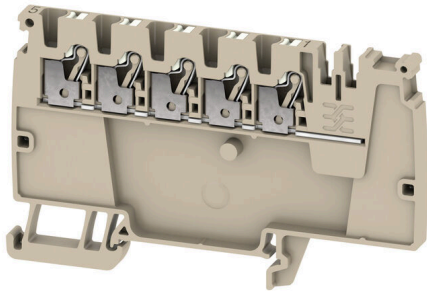


AAP12 2.5 LI WT**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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, 2.5 mm ² , 800 V, 24 A, dark beige, beige
Order No.	2683460000
Type	AAP12 2.5 LI WT
GTIN (EAN)	4064675048367
Qty.	50 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.1063 inch
Height	85.5 mm	Height (inches)	3.3661 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	12.07 g		

Temperatures

Storage temperature	-25 °C...55 °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	dark beige, beige
Colour of operational elements	white	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 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	20 A	Wire cross section max. (IECEX)	2.5 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	5
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	PE function	No

Additional technical data

Explosion-tested version	Yes	Type of mounting	TS 35, Snap-on
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Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Wire connection cross section AWG, max. AWG 12

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Technical data

Connection direction	top			
Type of connection 2	PUSH IN			
Type of connection	PUSH IN			
Number of connections	5			
Clamping range, max.	2.5 mm ²			
Clamping range, min.	0.14 mm ²			
Wire connection cross section AWG, min.	AWG 26			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm ²			
Wire connection cross section, finely stranded, max.	2.5 mm ²			
Wire connection cross section, finely stranded, min.	0.14 mm ²			
Connection cross-section, stranded, max.	2.5 mm ²			
Connection cross-section, stranded, min.	0.14 mm ²			
Twin wire-end ferrules, max.	0.75 mm ²			
Twin wire-end ferrules, min.	0.5 mm ²			
Wire connection cross-section, solid core, max.	2.5 mm ²			
Wire connection cross-section, solid core, min.	0.14 mm ²			
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	8 mm	
		max.	6 mm	
	Cross-section for conductor connection	min.	0.34 mm ²	
		max.	0.14 mm ²	
	Tube length	min.	12 mm	
		max.	6 mm	
Cross-section for conductor connection	min.	1 mm ²		
	max.	0.5 mm ²		
Tube length for twin wire-end ferrule	Tube length	min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	0.5 mm ²	
		max.	0.75 mm ²	
	Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	5 mm
		Cross-section for conductor connection	nominal	0.25 mm ²
Tube length		min.	6 mm	
		max.	10 mm	
Cross-section for conductor connection		min.	0.5 mm ²	
		max.	1 mm ²	
Tube length	min.	7 mm		
	max.	12 mm		
Cross-section for conductor connection	min.	1.5 mm ²		
	max.	2.5 mm ²		

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Technical data

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated AC voltage	800 V	Rated DC voltage	800 V
Nominal current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Surge voltage category	III	Pollution severity	3

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-19
ECLASS 15.0	27-25-01-19		

Drawings

