

AAP13 6 FE-LO**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, dark beige
Order No.	1988270000
Type	AAP13 6 FE-LO
GTIN (EAN)	4050118372885
Qty.	20 pc(s).

Creation date August 26, 2023 7:56:47 AM CEST

Catalogue status 18.08.2023 / We reserve the right to make technical changes.

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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	8.1 mm
Width (inches)	0.319 inch	Net weight	28.176 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	red / blue	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
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

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	Conductor size Factory wiring max. (CSA)	8 AWG
Conductor size Factory wiring min. (CSA)	22 AWG	Conductor size Field wiring max. (CSA)	8 AWG
Conductor size Field wiring min. (CSA)	22 AWG	Current size B (CSA)	36 A
Current size C (CSA)	36 A	Voltage size B (CSA)	150 V
Voltage size C (CSA)	150 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm
Clamping range, max.	6 mm ²
Clamping range, min.	0.34 mm ²
Connection cross-section, stranded, max.	6 mm ²

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Technical data

Connection cross-section, stranded, min. 0.5 mm ²				
Connection direction		top		
Gauge to IEC 60947-1		A5		
Number of connections		2		
Stripping length		12 mm		
Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm ²	
		Tube length	max.	12 mm
			min.	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²	
		Tube length	max.	18 mm
			min.	10 mm
	Cross-section for conductor connection	min.	1 mm ²	
		Tube length	max.	1.5 mm ²
			min.	12 mm
	Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.5 mm ²
			max.	1 mm ²
		Tube length	max.	12 mm
min.			10 mm	
Cross-section for conductor connection		nominal	1.5 mm ²	
		Tube length	max.	18 mm
min.			10 mm	
Cross-section for conductor connection		nominal	2.5 mm ²	
		Tube length	max.	18 mm
min.			12 mm	
Cross-section for conductor connection		min.	4 mm ²	
		max.	6 mm ²	
Tube length		max.	18 mm	
		min.	10 mm	
Tube length for wire-end ferrule without plastic collar DIN 46228/1		Tube length	nominal	10 mm
		Cross-section for conductor connection	min.	0.5 mm ²
			max.	1 mm ²
		Tube length	max.	18 mm ²
	min.		10 mm	
	Cross-section for conductor connection	min.	1.5 mm ²	
		max.	2.5 mm ²	
	Tube length	max.	18 mm	
		min.	12 mm	
	Cross-section for conductor connection	nominal	4 mm ²	
		Tube length	max.	18 mm
	min.		10 mm	
	Cross-section for conductor connection	min.	6 mm ²	
		max.	10 mm ²	
	Twin wire-end ferrules, max.		1.5 mm ²	
	Twin wire-end ferrules, min.		0.5 mm ²	
	Type of connection		PUSH IN	
	Wire connection cross section AWG, max.		AWG 8	
Wire connection cross section AWG, min.		AWG 22		
Wire connection cross section, finely stranded, max.		6 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.		6 mm ²		

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
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Wire connection cross-section, solid core, max.	6 mm ²
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Wire connection cross-section, solid core, min.	0.5 mm ²
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General

Installation advice	Rail	Rail	TS 35
Standards	In accordance with IEC 60947-7-2	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 22		

Rating data

Rated cross-section	6 mm ²	Rated voltage	250 V
Rated current	41 A	Current at maximum wires	41 A
Standards	In accordance with IEC 60947-7-2	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
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	22 AWG	Current size B (cURus)	36 A
Current size C (cURus)	36 A	Voltage size B (cURus)	150 V
Voltage size C (cURus)	150 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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

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Technical data

Approvals

Approvals



ROHS	Conform
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 BV certificate CCC Ex Certificate CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
Tender specification	Klippon® Connect 1988270000 DE Klippon® Connect 1988270000 EN
User Documentation	NTI AAP13 StorageConditionsTerminalBlocks AAP Terminal Blocks for control voltage distribution BPZL AXC PE
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

