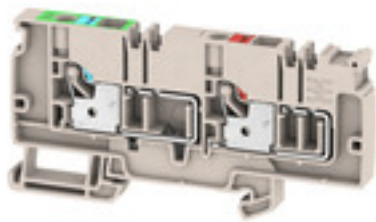


AAP13 6 FE-LO**Weidmüller Interface GmbH & Co. KG**

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	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).

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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	Net weight	28.176 g
Width	8.1 mm	Width (inches)	0.319 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	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 mm²			
Connection direction		top	
Gauge to IEC 60947-1		A5	
Number of connections		2	
Stripping length		12 mm	
Tube length for AEH with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	1.5 mm²
		min.	10 mm
	Tube length	max.	18 mm
		Cross-section for conductor connection	nominal
	min.		12 mm
	Tube length	max.	18 mm
		Cross-section for conductor connection	min.
	max.		6 mm²
	Tube length	min.	10 mm
		max.	18 mm
Tube length for AEH without plastic collar DIN 46228/1	Tube length	nominal	10 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	min.	10 mm
		max.	18 mm²
	Cross-section for conductor connection	min.	1.5 mm²
		max.	2.5 mm²
	Tube length	min.	12 mm
		max.	18 mm
	Cross-section for conductor connection	nominal	4 mm²
		min.	10 mm
	Tube length	max.	18 mm
		Cross-section for conductor connection	nominal
	Tube length for twin wire-end ferrule		Tube length
max.		12 mm	
Cross-section for conductor connection		nominal	0.5 mm²
		min.	10 mm
Tube length		max.	18 mm
		Cross-section for conductor connection	nominal
min.			12 mm
Tube length		max.	18 mm
		Cross-section for conductor connection	min.
max.			1.5 mm²
Twin wire-end ferrules, max.		1.5 mm²	
Twin wire-end ferrules, min.		0.5 mm²	
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 mm²	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.		6 mm²	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.		0.5 mm²	

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 6 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. 6 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

General

Installation advice	Rail	Rail	TS 35
Standards	In accordance with IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 22		

Rating data

Power loss in accordance with IEC 60947-7-x	1.31 W	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 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	4 kV
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
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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
	IECEX Certificate
	ATEX Certificate
	DNVGL certificate
	BV certificate
	MARITREG certificate
	CCC Ex Certificate
	DE PT0205 20160620 016 ISSUE02
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Tender specification	Klippon® Connect 1988270000 DE
	Klippon® Connect 1988270000 EN
User Documentation	NTI AAP13
	StorageConditionsTerminalBlocks
	PI Klippon AAP DE
	PI Klippon AAP EN

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Drawings

