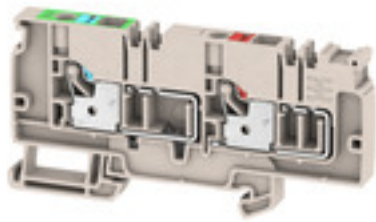


**A-series
AAP13 6 FE-LO**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

**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

Type	AAP13 6 FE-LO
Order No.	1988270000
Version	Supply terminal, PUSH IN, 6 mm ² , 250 V, 41 A, Dark Beige
GTIN (EAN)	4050118372885
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Width	8.1 mm	Width (inches)	0.319 inch
Height	96 mm	Height (inches)	3.78 inch
Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	48 mm	Net weight	28.176 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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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

System specifications

End cover plate required	Yes	Number of potentials	2
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	2	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Installation advice	Mounting rail	Open sides	right
Type of fixing	Snap-on	Type of mounting	TS 35

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		

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Technical data
Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
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	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 with wire-end ferrules DIN 46228/1, max.	6 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.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

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 60947-7-1	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	eClass 6.2	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Descriptive text ordering data	FE = functional earth, contact to terminal rail.
Descriptive text technical data	Approval in progress
Descriptive text accessories	All MultiMark variants (MM) = strip markers

Data sheet

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Technical data

Approvals

Approvals



ROHS Conform

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Approval/Certificate/Document of Conformity	DE PT0101 20180316 008 ISSUE01.pdf DE PT0101 20180316 009 ISSUE01.pdf DE PT0101 20180316 011 ISSUE01.pdf DE PT0101 20180316 010 ISSUE01.pdf DE PT0102 20180316 003 ISSUE01.pdf DE PT0101 20180316 012 ISSUE01.pdf DE PT0101 20180316 020 ISSUE01.pdf DE PT0101 20180316 019 ISSUE01.pdf DE PT0205 20180316 014 ISSUE01.pdf DE PT0102 20180316 006 ISSUE01.pdf DE PT0205 20180316 013 ISSUE01.pdf DE PT0205 20180316 015 ISSUE01.pdf DE PT0205 20180316 018 ISSUE01.pdf DE PT0205 20180316 016 ISSUE01.pdf DE PT0205 20180316 017 ISSUE01.pdf DE PT0101 20180316 002 ISSUE01.pdf DE PT0101 20180316 001 ISSUE01.pdf DE PT0101 20180316 004 ISSUE01.pdf DE PT0101 20180316 005 ISSUE01.pdf DE PT0101 20180316 007 ISSUE01.pdf CFAT_AAP13_6_FE-LO.pdf IECEX_TUR_17.0015U_0.pdf TÜV 17 ATEX 8030_U.pdf Declaration of Conformity DE PT0205 20160620 016 ISSUE02
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S

Safety note

Safety notice [Safety Information](#)

Data sheet

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Drawings

