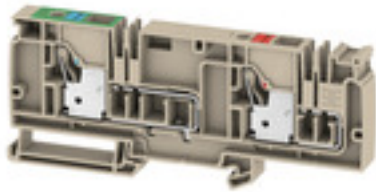


**A-series  
AAP22 10 FE-LO**

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

**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**

Type	AAP22 10 FE-LO
Order No.	<a href="#">2429000000</a>
Version	Supply terminal, PUSH IN, 10 mm <sup>2</sup> , 250 V, 17 A, dark beige
GTIN (EAN)	4050118438192
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Width	12 mm	Width (inches)	0.472 inch
Height	129 mm	Height (inches)	5.079 inch
Depth	53.5 mm	Depth (inches)	2.106 inch
Depth including DIN rail	54 mm	Net weight	54.213 g

**Temperatures**

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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)	TUEV17ATEX8063U	Certificate No. (IECEX)	IECEXTUR17.0029U
Max. voltage (ATEX)	250 V	Current (ATEX)	31.5 A
Wire cross section max. (ATEX)	10 mm <sup>2</sup>	Max. voltage (IECEX)	250 V
Current (IECEX)	57 A	Wire cross section max. (IECEX)	10 mm <sup>2</sup>
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

**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	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	Current size B (CSA)	51 A
Current size C (CSA)	51 A	Current size D (CSA)	10 A
Voltage size B (CSA)	150 V	Voltage size C (CSA)	150 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	20 AWG		

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## Technical data

### Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	10 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A6	Number of connections	2
Stripping length	18 mm	Twin wire-end ferrules, max.	4 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

### Rating data

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	250 V
Rated current	17 A	Current at maximum wires	17 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Power loss in accordance with IEC 60947-7-x	1.82 W	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)	6 AWG
Conductor size Factory wiring min. (cURus)	20 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	20 AWG	Current size B (cURus)	51 A
Current size C (cURus)	51 A	Current size D (cURus)	10 A
Voltage size B (cURus)	150 V	Voltage size C (cURus)	150 V
Voltage size D (cURus)	300 V		

### Classifications

ETIM 6.0	EC000897	eClass 6.2	27-14-11-25
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20

### Approvals

Approvals



ROHS Conform

**Data sheet****A-series  
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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">EPLAN</a>
Engineering Data	<a href="#">STEP</a>
Tender specification	<a href="#">Klippon® Connect 2429000000 EN</a> <a href="#">Klippon® Connect 2429000000 DE</a>
User Documentation	<a href="#">NTI AAP22 4 LO-LO</a> <a href="#">NTI AAP22 LI-FS</a>

**Data sheet**

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**Drawings**

