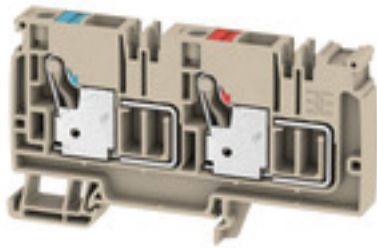


**A-series  
AAP14 10 LO-LO**

**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	AAP14 10 LO-LO
Order No.	<a href="#">1988250000</a>
Version	Supply terminal, PUSH IN, 10 mm <sup>2</sup> , 500 V, 57 A, Dark Beige
GTIN (EAN)	4050118373011
Qty.	20 pc(s).

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

Width	10 mm	Width (inches)	0.394 inch
Height	94 mm	Height (inches)	3.701 inch
Depth	53.5 mm	Depth (inches)	2.106 inch
Depth including DIN rail	54 mm	Net weight	37.965 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)	352 V	Current (ATEX)	45 A
Wire cross section max. (ATEX)	10 mm <sup>2</sup>	Max. voltage (IECEX)	352 V
Current (IECEX)	45 A	Wire cross section max. (IECEX)	10 mm <sup>2</sup>
Marking EN 60079-7	Ex eb II C Gb		

**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
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)	15 A
Voltage size B (CSA)	150 V	Voltage size C (CSA)	150 V
Voltage size D (CSA)	150 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	500 V
Rated current	57 A	Current at maximum wires	57 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	6 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	27-14-11-20
eClass 9.1	27-14-11-20		

**Product information**

Descriptive text technical data	Approval in progress
Instructions for accessories	All MultiMark variants (MM) = strip markers

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of  
 Conformity

- [CFAT\\_AAP14\\_10\\_LO-LO.pdf](#)
- [IECEX\\_TUR\\_17.0015U\\_0.pdf](#)
- [TÜV 17 ATEX 8030\\_U.pdf](#)
- [DE\\_PT0205\\_20160620\\_019\\_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Engineering Data

[STEP](#)

**Safety note**

Safety notice

[Safety Information](#)

**Data sheet**

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**Drawings**

