

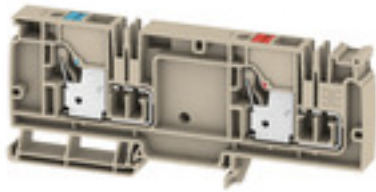
**AAP22 10 LO-LO****Weidmüller Interface GmbH & Co. KG**

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, 10 mm <sup>2</sup> , 250 V, 57 A, dark beige
Order No.	<a href="#">2428990000</a>
Type	AAP22 10 LO-LO
GTIN (EAN)	4050118438185
Qty.	20 pc(s).

Creation date March 26, 2021 11:19:45 PM CET

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

## AAP22 10 LO-LO

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

### Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.106 inch
Depth including DIN rail	54 mm	Height	129 mm
Height (inches)	5.079 inch	Net weight	45.71 g
Width	12 mm	Width (inches)	0.472 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)	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 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	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		

### 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

Creation date March 26, 2021 11:19:45 PM CET

## AAP22 10 LO-LO

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

Gauge to IEC 60947-1	A6		
Number of connections	2		
Stripping length	18 mm		
Tube length for AEH with plastic collar DIN 46228/4	Tube length	min.	18 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	4 mm <sup>2</sup>
	Tube length	min.	12 mm
		max.	18 mm
	Cross-section for conductor connection	min.	6 mm <sup>2</sup>
max.		10 mm <sup>2</sup>	
Tube length for AEH without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	10 mm <sup>2</sup>
	Tube length	nominal	18 mm
Tube length for twin wire-end ferrule	Tube length	nominal	18 mm
	Cross-section for conductor connection	min.	0.75 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	min.	12 mm
		max.	18 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
max.		4 mm <sup>2</sup>	
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, solid core, max.	10 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

### General

Installation advice	Rail	Rail	TS 35
Standards	In accordance with IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 20		

## AAP22 10 LO-LO

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Rating data

Power loss in accordance with IEC 60947-7-x	1.82 W	Rated cross-section	10 mm <sup>2</sup>
Rated voltage	250 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	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	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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">DNVGL certificate</a> <a href="#">MARITREG certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN</a>
Tender specification	<a href="#">Klippon® Connect 2428990000 DE</a> <a href="#">Klippon® Connect 2428990000 EN</a>
User Documentation	<a href="#">NTI AAP22 4 LO-LO</a> <a href="#">NTI AAP22 LI-FS</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">PI Klippon AAP DE</a> <a href="#">PI Klippon AAP EN</a>

Creation date March 26, 2021 11:19:45 PM CET

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

4

**Data sheet**

**AAP22 10 LO-LO**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

