

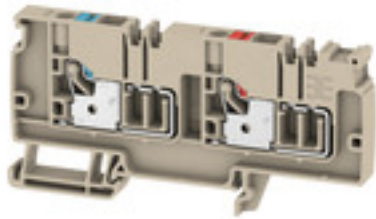
AAP13 6 LO-LO**Weidmüller Interface GmbH & Co. KG**

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, 6 mm ² , 250 V, 41 A, dark beige
Order No.	1988260000
Type	AAP13 6 LO-LO
GTIN (EAN)	4050118372892
Qty.	20 pc(s).

Creation date 11 January 2022 01:35:36 CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

AAP13 6 LO-LO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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	Width	8.1 mm
Width (inches)	0.319 inch	Net weight	22.31 g

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

Creation date 11 January 2022 01:35:36 CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

AAP13 6 LO-LO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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		
Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm ²	
		Tube length	max. 12 mm min. 10 mm	
	Cross-section for conductor connection	nominal	0.75 mm ²	
		Tube length	max. 18 mm min. 10 mm	
	Cross-section for conductor connection	min.	1 mm ²	
		Tube length	max. 18 mm min. 12 mm	
	Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	max.	12 mm
			min.	10 mm
		Cross-section for conductor connection	min.	0.5 mm ²
			max.	1 mm ²
		Tube length	max.	18 mm
			min.	10 mm
Cross-section for conductor connection		nominal	1.5 mm ²	
		Tube length	max. 18 mm min. 12 mm	
Cross-section for conductor connection		nominal	2.5 mm ²	
		Tube length	max. 18 mm min. 10 mm	
Cross-section for conductor connection		min.	4 mm ²	
		max.	6 mm ²	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	10 mm	
		Cross-section for conductor connection	min.	0.5 mm ²
	max.		1 mm ²	
	Tube length	max.	18 mm	
		min.	10 mm	
	Cross-section for conductor connection	min.	1.5 mm ²	
		max.	2.5 mm ²	
	Tube length	max.	18 mm	
		min.	12 mm	
	Cross-section for conductor connection	nominal	4 mm ²	
		Tube length	max. 18 mm min. 10 mm	
	Cross-section for conductor connection	nominal	6 mm ²	
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, min.	0.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²			

AAP13 6 LO-LO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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, solid core, max.	6 mm ²
---	-------------------

Wire connection cross-section, solid core, min.	0.5 mm ²
---	---------------------

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

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	Power loss in accordance with IEC 60947-7-x	1.31 W
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
ETIM 8.0	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		

AAP13 6 LO-LO

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate DNVGL certificate BV certificate MARITREG certificate CCC Ex Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Tender specification	Klippon® Connect 1988260000 DE Klippon® Connect 1988260000 EN
User Documentation	StorageConditionsTerminalBlocks PI Klippon AAP DE PI Klippon AAP EN BPZL AXC 1.5-16
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

AAP13 6 LO-LO

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

www.weidmueller.com

Drawings

