

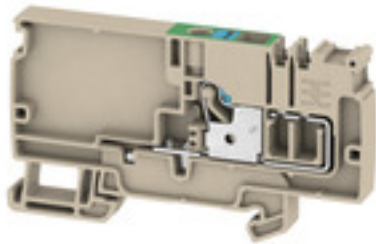
AAP11 6 FE**Weidmüller Interface GmbH & Co. KG**

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 , 500 V, dark beige
Order No.	1988140000
Type	AAP11 6 FE
GTIN (EAN)	4050118372960
Qty.	20 pc(s).

Creation date April 7, 2021 9:31:12 AM CEST

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

AAP11 6 FE**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	85.5 mm
Height (inches)	3.366 inch	Net weight	15.55 g
Width	8.1 mm	Width (inches)	0.319 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	blue	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8030U	Certificate No. (IECEX)	IECEXTUR17.0015U
Wire cross section max. (ATEX)	6 mm ²	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	1
Number of levels	1	Number of clamping points per level	1
Number of potentials per tier	1	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	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 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
Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	top
Gauge to IEC 60947-1	A5
Number of connections	1
Stripping length	12 mm

Creation date April 7, 2021 9:31:12 AM CEST

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

AAP11 6 FE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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

AAP11 6 FE

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

www.weidmueller.com

Technical data

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

Power loss in accordance with IEC 60947-7-x	1.31 W	Rated cross-section	6 mm ²
Rated voltage	500 V	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	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)	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	Voltage size B (cURus)	300 V
Voltage size C (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

AAP11 6 FE

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

www.weidmueller.com

Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate CB Test Certificate CB Certificate DNVGL certificate BV certificate MARITREG certificate CCC Ex Certificate Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Tender specification	Klippon® Connect 1988 140000 EN Klippon® Connect 1988 140000 DE
User Documentation	NTI AAP11 StorageConditionsTerminalBlocks PI Klippon AAP DE PI Klippon AAP EN

Data sheet

AAP11 6 FE

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

www.weidmueller.com

Drawings

