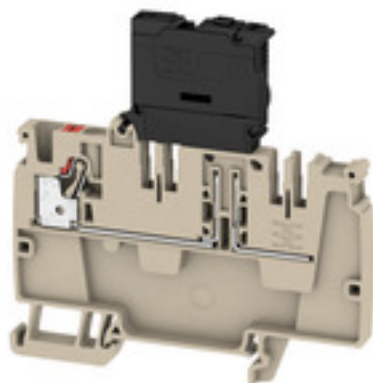


AAP21 4 FS**Weidmüller Interface GmbH & Co. KG**

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	Distribution terminal with fuse, PUSH IN, 4 mm ² , 250 V, 6.3 A, dark beige
Order No.	2428950000
Type	AAP21 4 FS
GTIN (EAN)	4050118438291
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	82 mm	Depth (inches)	3.228 inch
Depth including DIN rail	82.5 mm	Height	82 mm
Height (inches)	3.228 inch	Net weight	18.4 g
Width	6.1 mm	Width (inches)	0.24 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	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8064U	Certificate No. (IECEX)	IECEXTUR17.0030U
Max. voltage (ATEX)	250 V	Current (ATEX)	6.3 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	250 V
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	4 mm ²
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Without LED	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

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
Clamping range, max.	4 mm ²
Clamping range, min.	0.14 mm ²
Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	top
Gauge to IEC 60947-1	A4
Number of connections	1
Stripping length	12 mm

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Technical data

Tube length for AEH with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	12 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	min.	8 mm
		max.	12 mm
Tube length for AEH without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	1.5 mm ²
		max.	2.5 mm ²
	Tube length	min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	4 mm ²
Tube length for twin wire-end ferrule	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	2.5 mm ²
Twin wire-end ferrules, max.	Tube length	min.	7 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	4 mm ²
	Tube length	min.	9 mm
		max.	15 mm
	Cross-section for conductor connection	min.	0.5 mm ²
Twin wire-end ferrules, min.		max.	1.5 mm ²
	Type of connection	PUSH IN	
	Wire connection cross section AWG, max.	AWG 12	
	Wire connection cross section AWG, min.	AWG 26	
	Wire connection cross section, finely stranded, max.	4 mm ²	
	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.5 mm ²	
	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 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.	4 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 60947-7-3	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

Creation date March 26, 2021 11:19:30 PM CET

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Technical data

Rating data

Power loss in accordance with IEC 60947-7-x	1.02 W	Rated cross-section	4 mm ²
Rated voltage	250 V	Rated voltage to adjoining terminal	500 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Standards	In accordance with IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1 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)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	10 A
Current size C (cURus)	10 A	Current size D (cURus)	10 A
Voltage size B (cURus)	300 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

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Technical data

Downloads

Approval/Certificate/Document of Conformity	IECEX_TUR_17.0030U.pdf ATEX Certificate Attestation of Conformity DNVGL certificate MARITREG certificate CCC Ex Certificate Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
Tender specification	Klippon® Connect 2428950000 DE Klippon® Connect 2428950000 EN
User Documentation	NTI AAP 21 10... NTI AAP 21 4 FS NTI AAP 21 4 DT NTI AAP21 4 LI StorageConditionsTerminalBlocks PI Klippon AAP DE PI Klippon AAP EN

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Drawings

