

A-series
SET AAP13 6/1.5/24C

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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	SET AAP13 6/1.5/24C
Order No.	2506380000
Version	Modular distribution terminals, PUSH IN, 6 mm ² , 500 V, 41 A, dark beige
GTIN (EAN)	4050118520767
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	38.5 mm	Width (inches)	1.516 inch
Height	96 mm	Height (inches)	3.78 inch
Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	48 mm	Net weight	104.63 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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

System specifications

End cover plate required	No	Number of potentials	2
Number of levels	1	No. of clamping points per level	50
Number of potentials per tier	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

Installation advice	Rail	Open sides	right
Type of fixing	Snap-on	Type of mounting	TS 35

Conductors for clamping (additional connection)

Blade size, additional connection	0.4 x 2.0 mm	Clamping range, further connection, max.	1.5 mm
Clamping range, further connection, min.	0.14 mm	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1 mm
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm	Conductor cross-section, flexible, further connection, min.	0.5 mm
Connection direction	top	Connection type, additional connection	PUSH IN
Cross-section for connected wire, AWG, additional connection, max.	AWG 14	Cross-section for connected wire, AWG, additional connection, min.	AWG 26
Cross-section for connected wire, flexible, further connection, max.	1.5 mm	Cross-section for connected wire, multi-core, further connection, max.	1.5 mm
Cross-section for connected wire, multi-core, further connection, min.	0.5 mm	Cross-section for connected wire, solid-core, further connection, max.	1.5 mm
Cross-section for connected wire, solid-core, further connection, min.	0.5 mm	Rated cross-section, further connection	1.5 mm
Stripping length, additional connection	8 mm		

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Technical data**Conductors for clamping (rated connection)**

Blade size	1.0 x 5.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.5 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	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	Wire connection cross-section, finely stranded, 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

Rating data

Rated cross-section	6 mm ²	Rated voltage	500 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	6 kV	Pollution severity	3
Surge voltage category	III		

Classifications

ETIM 6.0	EC000897	eClass 6.2	27-14-11-20
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20

Approvals

Approvals

**Downloads**

Approval/Certificate/Document of Conformity	DE PT0205 20180316 017 ISSUE01.pdf
Engineering Data	EPLAN
Engineering Data	STEP