

P-series PMAK 4 800V

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Product image



Power distribution

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2021-12-31
Type	PMAK 4 800V
Order No.	1221350000
Version	P-series, Motor-connection terminal, Rated cross-section: 4 mm², PUSH IN, Direct mounting
GTIN (EAN)	4050118005035
Qty.	50 pc(s).
Alternative product	2434370000

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Technical data
Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	107.5 mm	Height (inches)	4.232 inch
Depth	82 mm	Depth (inches)	3.228 inch
Depth including DIN rail	82.6 mm	Net weight	35.89 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	PUSH IN connection, With PE connection	End cover plate required	No
Number of potentials	4	Number of levels	4
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	PE function	Yes
PEN function	No		

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	closed	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	0.4 x 2.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.5 mm ²	Connection direction	Inclined / angled
Gauge to IEC 60947-1	A3	Number of connections	7
Stripping length	12 mm	Type of connection	PUSH IN
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.	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, 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

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Technical data
Rating data

Rated cross-section	4 mm ²	Rated voltage	800
Rated current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-1 (-7-2)	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W	Rated impulse withstand voltage	8 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)	29 A
Current size C (cURus)	29 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V	Wire cross section max. (cURus)	10 AWG
Wire cross section min. (cURus)	26 AWG		

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		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DE_PT1702_20160415_070_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

