

P-series PRV 4 SW 35X7.5 RT

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
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Product image



Save space by connecting with these multi-tier terminals with PUSH IN connection technology.

The product line includes the four-channel, eight-channel and also the innovative sixteen-channel feed-through terminal blocks. The four-channel and eight-channel terminals are also available as potential distribution terminals.

The benefits:

- More than 1700 signals per metre can be distributed with the 16-channel terminal block.
- Red and white actuators make it easier to assign wires to their terminal points.
- The PUSH IN connections make wiring quick and convenient.

General ordering data

Type	PRV 4 SW 35X7.5 RT
Order No.	1173830000
Version	P-series, Patch distributor, Rated cross-section: 1.5 mm ² , Number of levels: 4, Number of connections: 16, Colour: black, Colour of operational elements: red, TS 35 x 7.5
GTIN (EAN)	4032248966240
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Width	9.2 mm	Width (inches)	0.362 inch
Height	70 mm	Height (inches)	2.756 inch
Depth	47 mm	Depth (inches)	1.85 inch
Net weight	21.31 g		

Temperatures

Storage temperature, max.	70 °C	Storage temperature, min.	-25 °C
Storage temperature	-25 °C...70 °C	Temperature range, installation, min.	-10 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C
Temperature range, installation, max.	40 °C		

Material data

Material	Polycarbonate	Material of operational elements	PBT
Colour	black	Colour of operational elements	red
UL 94 flammability rating	V-0		

System specifications

Version	PUSH IN connection, One end without connector	End cover plate required	Yes
Number of levels	4	Number of clamping points per level	4
Number of potentials per tier	4	Levels cross-connected internally	No
PE connection	No	Rail	TS 35 x 7.5

Additional technical data

Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	200039-2406089	Current size B (CSA)	10 A
Current size D (CSA)	10 A	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	16 AWG
Wire cross section min. (CSA)	26 AWG		

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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	1.5 mm ²
Clamping range, min.	0.13 mm ²	Connection cross-section, stranded, max.	1.5 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	Inclined / angled
Number of connections	16	Stripping length	10 mm
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 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.	1.5 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.	1.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Rating data

Rated cross-section	1.5 mm ²	Rated voltage	250 V
Rated current	10 A	Current at maximum wires	13 A
Standards	IEC 60947-7-1, DIN EN 60079	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Power loss in accordance with IEC 60947-7-x	0.56 W	Rated impulse withstand voltage	4 kV
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Current size B (cURus)	10 A
Current size D (cURus)	10 A	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Wire cross section max. (cURus)	16 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

Data sheet**P-series
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	DE_PT1441_20160418_319_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	WSCAD, Zuken E3.S, EPLAN
Engineering Data	STEP
User Documentation	Beipackzettel_PRV_PPV.pdf StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

