

**P-series**  
**PRV 8 SW 35X7.5 RT/WS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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www.weidmueller.com

### 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 8 SW 35X7.5 RT/WS
Order No.	<a href="#">1173790000</a>
Version	P-series, Patch distributor, Rated cross-section: 1.5 mm <sup>2</sup> , Number of levels: 8, Number of connections: 32, Colour: black, Colour of operational elements: red-white, TS 35 x 7.5
GTIN (EAN)	4032248966448
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Width	9.2 mm	Width (inches)	0.362 inch
Height	120 mm	Height (inches)	4.724 inch
Depth	65.5 mm	Depth (inches)	2.579 inch
Net weight	46.42 g		

**Temperatures**

Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
Storage temperature	-25 °C...55 °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-white
UL 94 flammability rating	V-0		

**System specifications**

Version	PUSH IN connection, One end without connector	End cover plate required	Yes
Number of levels	8	Number of clamping points per level	4
Number of potentials per tier	8	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 <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Connection direction	Inclined / angled
Number of connections	32	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 <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

**Rating data**

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	250
Rated current	8 A	Current at maximum wires	10 A
Standards	IEC 60947-7-1	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	<a href="#">EAC certificate</a> <a href="#">DE_PT1441_20160418_328_ISSUE01.pdf</a> <a href="#">Declaration of Conformity Terminals</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S, EPLAN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Beipackzettel_PRV_PPV.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
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**Data sheet**

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**Drawings**

