

## PRV 8 SW 35X7.5 RT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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

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, TS 35 x 7.5
Order No.	<a href="#">1288250000</a>
Type	PRV 8 SW 35X7.5 RT
GTIN (EAN)	4050118079654
Qty.	20 pc(s).

## PRV 8 SW 35X7.5 RT

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

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

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	130		

## 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	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
------------------	---------

## 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		

## 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, solid core, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

Creation date March 23, 2021 2:24:11 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

2

## PRV 8 SW 35X7.5 RT

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## General

Rail	TS 35 x 7.5	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24		

## Rating data

Power loss in accordance with IEC 60947-7-x	0.56 W	Rated cross-section	1.5 mm <sup>2</sup>
Rated voltage	250	Rated current	8 A
Current at maximum wires	10 A	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	4 kV	Pollution severity	3
Surge voltage category	III		

## UL rating data

UL_current_Print	10 A	UL_voltage_Print	300 V
UL_wire_max_Print	16 AWG	UL_wire_min_Print	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	ECLASS 11.0	27-14-11-20

## Approvals

Approvals



ROHS Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Beipackzettel_PRV_PPV.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Data sheet**

**PRV 8 SW 35X7.5 RT**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

