

## P-series PRV 16 SW 35X7.5 WS/RT

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 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 16 SW 35X7.5 WS/RT
Order No.	<a href="#">1173710000</a>
Version	P-series, Patch distributor, Rated cross-section: 1.5 mm <sup>2</sup> , Number of levels: 16, Number of connections: 64, Colour: black, Colour of operational elements: white-red, TS 35 x 7.5
GTIN (EAN)	4032248966202
Qty.	20 pc(s).

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

Width	9.2 mm	Width (inches)	0.362 inch
Height	225 mm	Height (inches)	8.858 inch
Depth	106 mm	Depth (inches)	4.173 inch
Net weight	121.3 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	white-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	16	Number of clamping points per level	4
Number of potentials per tier	16	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)	1 A
Current size D (CSA)	1 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	64	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	6 A	Current at maximum wires	11 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)	1 A
Current size D (cURus)	1 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="#">DE_PT1441_20160418_312_ISSUE01.pdf</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**

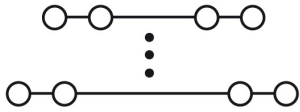
Safety notice	<a href="#">Safety Information</a>
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**Data sheet**

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**Drawings**



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# Accessories

## Slotted screwdriver

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip



### General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	<a href="#">9008330000</a>	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	

## Cross-connection for base with PUSH IN connection



Weidmüller RIDERSERIES relays guarantee a noise-free, decoupled signal transmission in industrial automation concepts. They are compact, quickly installed and can be fitted in the tightest of spaces.

- 1 or 2 CO contacts
- optionally: AC or DC coils
- Relay optionally with integrated status display and/or free-wheel diode and optionally combined with a test button
- pluggable LED modules with protective functions
- Metal and plastic retaining clips
- Base with screw / PUSH IN connection

### General ordering data

Type	SRC-I QV P	Version
Order No.	<a href="#">8870840000</a>	RIDERSERIES RCI, Cross-connector
GTIN (EAN)	4032248631681	
Qty.	10 pc(s).	

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# Accessories

## Marking holder



### DCS marshalling

Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.

### General ordering data

Type	BZT PRV16 BL 35X7.5	Version
Order No.	<a href="#">1267940000</a>	P-series, Marker holder, blue, Number of levels: 16, TS 35 x 7.5
GTIN (EAN)	4032248112838	
Qty.	20 pc(s).	
Type	BZT PRV16 SW 35X7.5	Version
Order No.	<a href="#">1173550000</a>	P-series, Marker holder, black, Number of levels: 16, TS 35 x 7.5
GTIN (EAN)	4032248966219	
Qty.	20 pc(s).	

## Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

Type	WS 7.8/9.2 PLUS MC NE GR	Version
Order No.	<a href="#">1208970000</a>	WS, Terminal marker, 7.8 x 9.2 mm, Pitch in mm (P): 9.20
GTIN (EAN)	4032248990092	Weidmueller, grey
Qty.	360 pc(s).	

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**Accessories**
**Partition plates**

**DCS marshalling**

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**General ordering data**

Type	TW PRV16 1-16	Version
Order No.	<a href="#">1230120000</a>	P-series, Separation plate, grey, 2 mm, Printed 1-16, horizontally
GTIN (EAN)	4050118013924	
Qty.	10 pc(s).	
Type	TW PRV16 0-15	Version
Order No.	<a href="#">1230130000</a>	P-series, Separation plate, grey, 2 mm, Printed 0-15, horizontally
GTIN (EAN)	4050118013825	
Qty.	10 pc(s).	
Type	TW PRV16 A-P	Version
Order No.	<a href="#">1230140000</a>	P-series, Separation plate, grey, 2 mm, Printed A-P, horizontally
GTIN (EAN)	4050118013757	
Qty.	10 pc(s).	
Type	TW PRV16	Version
Order No.	<a href="#">1173630000</a>	P-series, Separation plate, grey, 2 mm, Unprinted
GTIN (EAN)	4032248966127	
Qty.	10 pc(s).	

**End brackets**

**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Type	WEW 35/1 SW	Version
Order No.	<a href="#">1162600000</a>	W-Series, End bracket
GTIN (EAN)	4032248972630	
Qty.	50 pc(s).	