

PRV 16 SW 35X7.5 WS/RT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 ² , Number of levels: 16, Number of connections: 64, Colour: black, Colour of operational elements: white-red, TS 35 x 7.5
Order No.	1173710000
Type	PRV 16 SW 35X7.5 WS/RT
GTIN (EAN)	4032248966202
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Depth	106 mm	Depth (inches)	4.173 inch
Height	225 mm	Height (inches)	8.858 inch
Width	9.2 mm	Width (inches)	0.362 inch
Net weight	121.3 g		

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	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 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	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 ²
Wire connection cross section, finely stranded, min.	0.5 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, solid core, max.	1.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Number of poles	16	Rail	TS 35 x 7.5
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 16
Wire connection cross section AWG, min.	AWG 24		

Rating data

Rated cross-section	1.5 mm ²	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
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
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
ETIM 8.0	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		

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

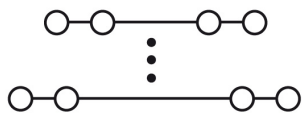
Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S, EPLAN
User Documentation	Beipackzettel_PRV_PPV.pdf StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



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Cross-connection for the sockets in the RIDERSERIES RCI.

**General ordering data**

Type	SRC-I QV P	Version
Order No.	8870840000	RIDERSERIES RCI, Cross-connector
GTIN (EAN)	4032248631681	
Qty.	10 pc(s).	

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 0.4X2.0X60	Version
Order No.	2749260000	Screwdriver, Blade width (B): 2 mm, Blade length: 60 mm, Blade
GTIN (EAN)	4050118895537	thickness (A): 0.4 mm
Qty.	1 pc(s).	

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Accessories

Partition plates



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	TW PRV16	Version
Order No.	1173630000	P-series, Partition plate, grey, 2 mm, Unprinted
GTIN (EAN)	4032248966127	
Qty.	10 pc(s).	
Type	TW PRV16 0-15	Version
Order No.	1230130000	P-series, Partition plate, grey, 2 mm, Printed 0-15, horizontally
GTIN (EAN)	4050118013825	
Qty.	10 pc(s).	
Type	TW PRV16 1-16	Version
Order No.	1230120000	P-series, Partition plate, grey, 2 mm, Printed 1-16, horizontally
GTIN (EAN)	4050118013924	
Qty.	10 pc(s).	
Type	TW PRV16 A-P	Version
Order No.	1230140000	P-series, Partition plate, grey, 2 mm, Printed A-P, horizontally
GTIN (EAN)	4050118013757	
Qty.	10 pc(s).	

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

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Accessories

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 PrintJet CONNECT oder/or Plotter 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.	1208970000	WS, Terminal marker, 7.8 x 9.2 mm, Pitch in mm (P): 9.20
GTIN (EAN)	4032248990092	Weidmueller, grey
Qty.	360 pc(s).	

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/1 SW	Version
Order No.	1162600000	W-Series, End bracket
GTIN (EAN)	4032248972630	
Qty.	50 pc(s).	

Mouser Electronics

Authorized Distributor

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[1173710000](#)