

**PRV 16 SW 35X7.5 WS/RT**

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

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

**Product image**

PUSH IN terminal blocks for Signal marshalling (PRV) with up to 16 connection levels are specially designed to meet the requirements for wiring initiator and actuator signals in process control engineering. The optimised design guarantees a space saving of up to 50 percent in the panel. And the unique V-shape of the current bars ensures consistently low contact resistances.

**General ordering data**

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
Order No.	<a href="#">1173710000</a>
Type	PRV 16 SW 35X7.5 WS/RT
GTIN (EAN)	4032248966202
Qty.	20 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

Depth	106 mm	Depth (inches)	4.1732 inch
Height	225 mm	Height (inches)	8.8582 inch
Width	9.2 mm	Width (inches)	0.3622 inch
Net weight	121.3 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	130 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Material data

Basic 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 potentials	16	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
Mounting rail	TS 35 x 7.5		

## Additional technical data

Explosion-tested version	No	Type of mounting	Snap-on
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## CSA rating data

Wire cross section max. (CSA)	16 AWG	Certificate No. (CSA)	200039-2406089
Voltage size B (CSA)	300 V	Current size B (CSA)	1 A
Voltage size D (CSA)	300 V	Current size D (CSA)	1 A
Wire cross section min. (CSA)	26 AWG		

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## Technical data

### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 16	Connection direction	Inclined / angled
Stripping length	10 mm	Type of connection	PUSH IN
Number of connections	64	Clamping range, max.	1.5 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 24	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.	0.13 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.	0.13 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>	Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.13 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.13 mm <sup>2</sup>		

### General

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

### Rating data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	250 V
Rated DC voltage	250 V	Nominal 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	Surge voltage category	III
Pollution severity	3		

### UL rating data

Voltage size B (cURus)	300 V	Voltage size D (cURus)	300 V
Wire cross section max. (cURus)	16 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	26 AWG	Current size B (cURus)	1 A
Current size D (cURus)	1 A		

### Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-05
ECLASS 15.0	27-25-01-05		

**Drawings**



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## Accessories

### Cross-connection for socket with PUSH IN connection

Cross-connection for the sockets in the RIDERSERIES RCI.



### General ordering data

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

### Accessories



The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms

### General ordering data

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

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## Accessories

### End bracket



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.	<a href="#">1162600000</a>	End bracket, black, TS 35, V-2, Wemid, Width: 12 mm, 100 °C	
GTIN (EAN)	4032248972630		
Qty.	50 ST		

### Accessories



The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms

### 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 ST		
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 ST		

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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.	<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 ST	

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 ST	

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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 0.4X2.0X60	Version	
Order No.	<a href="#">2749260000</a>	Screwdriver, Blade width (B): 2 mm, Blade length: 60 mm, Blade thickness (A): 0.4 mm	
GTIN (EAN)	4050118895537		
Qty.	1 ST		