

**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**

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: 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 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 |
| Net weight     | 121.3 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   | 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 |
|------------------|---------|

## 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         |                               |        |

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

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## Technical data

## 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

|                                              |         |                                 |                     |
|----------------------------------------------|---------|---------------------------------|---------------------|
| 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                   | 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                |
| 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    | UL_current_Print                | 1 A    |
| UL_voltage_Print                | 300 V  | UL_wire_max_Print               | 16 AWG |
| UL_wire_min_Print               | 26 AWG | 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 | ECLASS 11.0 | 27-14-11-20 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E60693  |

## Downloads

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

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## Drawings

