

**P-series  
PDL 4/L/L/PE**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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[www.weidmueller.com](http://www.weidmueller.com)

**Product image****Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

**General ordering data**

|            |                                                                                        |
|------------|----------------------------------------------------------------------------------------|
| Type       | PDL 4/L/L/PE                                                                           |
| Order No.  | <a href="#">1882610000</a>                                                             |
| Version    | Installation multi-tier terminal, PUSH IN, 4 mm <sup>2</sup> , 400 V, 32 A, dark beige |
| GTIN (EAN) | 4032248485918                                                                          |
| Qty.       | 50 pc(s).                                                                              |

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

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 5.1 mm  | Width (inches)  | 0.201 inch |
| Height                   | 100 mm  | Height (inches) | 3.937 inch |
| Depth                    | 48.5 mm | Depth (inches)  | 1.909 inch |
| Depth including DIN rail | 49.1 mm | Net weight      | 22.78 g    |

**Temperatures**

|                                  |               |                                  |        |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max.        | 40 °C         | Storage temperature, min.        | 10 °C  |
| Storage temperature              | 10 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C        |                                  |        |

**Material data**

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0   |        |            |

**System specifications**

|                                     |                                                                                                    |                               |     |
|-------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------|-----|
| Version                             | PUSH IN connection, L, L and PE connection, for plug-in cross-connector, One end without connector | End cover plate required      | Yes |
| Number of potentials                | 3                                                                                                  | Number of levels              | 2   |
| Number of clamping points per level | 2                                                                                                  | Number of potentials per tier | 1   |
| Levels cross-connected internally   | No                                                                                                 | PE connection                 | Yes |
| Rail                                | TS 35                                                                                              | N-function                    | No  |
| PE function                         | Yes                                                                                                | PEN function                  | No  |

**Additional technical data**

|                          |         |            |       |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No      | Open sides | right |
| Type of mounting         | Snap-on |            |       |

**CSA rating data**

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1751332 | Current size B (CSA)          | 20 A   |
| Voltage size B (CSA)          | 300 V          | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 28 AWG         |                               |        |

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**Technical data****Conductors for clamping (rated connection)**

|                                                                                         |                      |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 3.0 x 0.5 mm         | Clamping range, max.                                                                    | 4 mm <sup>2</sup>   |
| Clamping range, min.                                                                    | 0.08 mm <sup>2</sup> | Connection cross-section, stranded, max.                                                | 4 mm <sup>2</sup>   |
| Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup>  | Connection direction                                                                    | top                 |
| Gauge to IEC 60947-1                                                                    | A3                   | Number of connections                                                                   | 5                   |
| Stripping length                                                                        | 12 mm                | Twin wire-end ferrules, max.                                                            | 1.5 mm <sup>2</sup> |
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>  | Type of connection                                                                      | PUSH IN             |
| Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>    | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 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. | 2.5 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.                                         | 4 mm <sup>2</sup>    | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

**PE rating data**

|              |    |
|--------------|----|
| PEN function | No |
|--------------|----|

**Rating data**

|                                                      |                   |                                              |       |
|------------------------------------------------------|-------------------|----------------------------------------------|-------|
| Rated cross-section                                  | 4 mm <sup>2</sup> | Rated voltage                                | 400 V |
| Rated current                                        | 32 A              | Volume resistance according to IEC 60947-7-x | 1 mΩ  |
| Power loss in accordance with IEC 60947-7-x          | 1.02 W            | Rated impulse withstand voltage              | 6 kV  |
| Rated impulse withstand voltage to adjacent terminal | 6 kV              | Pollution severity                           | 3     |

**UL rating data**

|                                            |        |                                            |        |
|--------------------------------------------|--------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 28 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 28 AWG | Current size B (cURus)                     | 17 A   |
| Current size D (cURus)                     | 10 A   | Voltage size B (cURus)                     | 300 V  |
| Voltage size D (cURus)                     | 300 V  |                                            |        |

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC001329    | ETIM 7.0   | EC001329    |
| eClass 9.0  | 27-14-11-25 | eClass 9.1 | 27-14-11-25 |
| eClass 10.0 | 27-14-11-25 | UNSPSC     | 30-21-18-11 |

**Approvals**

Approvals



ROHS Conform

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## Technical data

### Downloads

|                                             |                                                                                                                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">DNVGL certificate</a><br><a href="#">DE_PT1703_20160415_020_ISSUE01.pdf</a><br><a href="#">Declaration of Conformity Terminals</a> |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>                                                                                                                                               |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                                                                                                                          |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                                                                              |
| User Documentation                          | <a href="#">Beipackzettel_PDL4.pdf</a><br><a href="#">IS PDL 4S</a><br><a href="#">StorageConditionsTerminalBlocks</a>                                                            |

### Safety note

|               |                                    |
|---------------|------------------------------------|
| Safety notice | <a href="#">Safety Information</a> |
|---------------|------------------------------------|

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## Drawings

