

Data sheet

P-series PDL 4/L/L

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



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 |
| Order No. | 1882590000 |
| Version | Installation multi-tier terminal, PUSH IN, 4 mm ² , 400 V, 32 A, dark beige |
| GTIN (EAN) | 4032248485796 |
| Qty. | 50 pc(s). |

Creation date 22 April 2020 09:53:21 CEST

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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 | 19.92 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 and L connection, for plug-in cross-connector. One end without connector | End cover plate required | Yes |
| Number of potentials | 2 | Number of levels | 2 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Rail | TS 35 |
| N-function | No | PE function | No |
| 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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Conductors for clamping (rated connection)

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

PE rating data

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

Rating data

| | | | |
|--|-------------------|--|-------|
| Rated cross-section | 4 mm ² | 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 C (cURus) | 17 A | Current size D (cURus) | 10 A |
| Voltage size B (cURus) | 300 V | Voltage size C (cURus) | 150 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 |

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Approvals

Approvals



ROHS

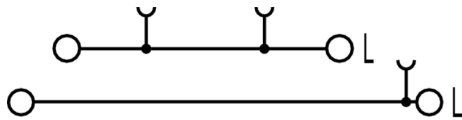
Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PT1703_20160415_019_ISSUE01.pdf |
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| Engineering Data | STEP |
| User Documentation | Beipackzettel_PDL4.pdf IS PDL 4S StorageConditionsTerminalBlocks |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|

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