

**PPE 2.5/4/3AN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

**General ordering data**

|                     |  |
|---------------------|--|
| Version             | PE terminal, PUSH IN, 4 mm <sup>2</sup> , 480 A (4 mm <sup>2</sup> ), Green/yellow |
| Order No.           | <a href="#">1896200000</a>   |
| Type                | PPE 2.5/4/3AN  |
| GTIN (EAN)          | 4032248511327  |
| Qty.                | 50 pc(s).  |
| Delivery status     | <b>This article will no longer be available in the future.</b>                     |
| Available until     | 2023-03-31   |
| Alternative product | <a href="#">1521670000</a>   |

Creation date March 1, 2023 1:11:59 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

**PPE 2.5/4/3AN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 38 mm      | Depth (inches) | 1.496 inch |
| Depth including DIN rail | 39 mm      | Height         | 67 mm      |
| Height (inches)          | 2.638 inch | Width          | 5.1 mm     |
| Width (inches)           | 0.201 inch | Net weight     | 13.46 g    |

**Temperatures**

|                                  |                |                                  |   |
|----------------------------------|----------------|----------------------------------|---|
| Storage temperature              |                | Operating temperature range      | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
|                                  | -25 °C...55 °C |                                  |   |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C  |

**Material data**

|                           |       |        |              |
|---------------------------|-------|--------|--------------|
| Material                  | Wemid | Colour | Green/yellow |
| UL 94 flammability rating | V-0   |        |              |

**Rating data IECEx/ATEX**

|                                |   |                                 |                   |
|--------------------------------|---|---------------------------------|-------------------|
| Certificate No. (ATEX)         | KEMA06ATEX0177U   | Certificate No. (IECEX)         | IECEXKEM06.0032U  |
| Wire cross section max. (ATEX) | 4 mm <sup>2</sup>   | Wire cross section max. (IECEX) | 4 mm <sup>2</sup> |
| Operating temperature range    | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity | Marking EN 60079-7              |                   |
| Ex 2014/34/EU label            | II 2 G D  |                                 | Ex eb II C Gb     |

**System specifications**

|                                     |   |                               |     |
|-------------------------------------|---|-------------------------------|-----|
| Version                             | PUSH IN connection, With PE connection, One end without connector | End cover plate required      | Yes |
| Number of potentials                | 1   | Number of levels              | 1   |
| Number of clamping points per level | 3   | 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 | Yes     | Open sides | right |
| Type of mounting         | Snap-on |            |       |

**CSA rating data**

|                               |                 |                               |        |
|-------------------------------|-----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-175 1332 | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 26 AWG          |                               |        |

## PPE 2.5/4/3AN

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 3.0 x 0.5 mm         | Clamping range, max.  | 6 mm <sup>2</sup>   |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | Connection direction  | top                 |
| Gauge to IEC 60947-1  | A3                   | Number of connections   | 3                   |
| 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 AWG, max.   | AWG 10               | Wire connection cross section AWG, min.   | AWG 26              |
| Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>    | Wire connection cross section, finely stranded, min.                                    | 0.5 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. | 4 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.   | 6 mm <sup>2</sup>    | Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |

## General

|   |        |   |               |
|---|--------|---|---------------|
| Rail                                    | TS 35  | Standards                               | IEC 60947-7-2 |
| Wire connection cross section AWG, max. | AWG 10 | Wire connection cross section AWG, min. | AWG 26        |

## PE rating data

|                          |                            |              |    |
|--------------------------|----------------------------|--------------|----|
| Rated short-time current | 480 A (4 mm <sup>2</sup> ) | PEN function | No |
|--------------------------|----------------------------|--------------|----|

## Rating data

|  |                   |  |        |
|--|-------------------|--|--------|
| Rated cross-section                                  | 4 mm <sup>2</sup> | Rated voltage to adjoining terminal          | 800 V  |
| Standards  | IEC 60947-7-2     | Volume resistance according to IEC 60947-7-x | 1 mΩ   |
| Rated impulse withstand voltage to adjacent terminal | 8 kV              | Power loss in accordance with IEC 60947-7-x  | 1.02 W |
| Pollution severity                                   | 3                 |  |        |

## UL rating data

|  |        |  |        |
|--|--------|--|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 10 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus)   | 10 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG |  |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000901    | ETIM 7.0    | EC000901    |
| ETIM 8.0    | EC000901    | ECLASS 9.0  | 27-14-11-41 |
| ECLASS 9.1  | 27-14-11-41 | ECLASS 10.0 | 27-14-11-41 |
| ECLASS 11.0 | 27-14-11-41 | ECLASS 12.0 | 27-14-11-41 |

## PPE 2.5/4/3AN

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

www.weidmueller.com

## Technical data

### Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E60693     |

### Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">IECEx Certificate</a><br><a href="#">ATEX Certificate</a><br><a href="#">EAC certificate</a><br><a href="#">DNVGL certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">CE Declaration of Conformity all terminals</a><br><a href="#">UKCA declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| Engineering Data                            | <a href="#">WSCAD, Zuken E3.S</a>   |
| User Documentation                          | <a href="#">Beipackzettel_PDU.pdf</a><br><a href="#">Cross Connection Guide</a><br><a href="#">StorageConditionsTerminalBlocks</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |
| Brochures                                   |   |

**Data sheet**

**PPE 2.5/4/3AN**

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

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

**Drawings**

