

**WPE 4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

|            |   |
|------------|---|
| Version    | PE terminal, Screw connection, 4 mm <sup>2</sup> , 480 A (4 mm <sup>2</sup> ), Green/yellow |
| Order No.  | <a href="#">1010100000</a>  |
| Type       | WPE 4   |
| GTIN (EAN) | 4008 190039820  |
| Qty.       | 100 pc(s).  |

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Catalogue status 03.02.2022 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 46.5 mm    | Depth (inches) | 1.831 inch |
| Depth including DIN rail | 47.5 mm    | Height         | 56 mm      |
| Height (inches)          | 2.205 inch | Width          | 6.1 mm     |
| Width (inches)           | 0.24 inch  | Net weight     | 18.5 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. | -60 °C         | Continuous operating temp., max. | 130 °C  |

## Material data

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

## Rating data IECEx/ATEX

|                                |   |                                 |                   |
|--------------------------------|---|---------------------------------|-------------------|
| Certificate No. (ATEX)         | DEMKO14ATEX1338U  | Certificate No. (IECEX)         | IECEXULD14.0005U  |
| 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                             | Screw connection, With PE connection, in closed state | End cover plate required      | No  |
| Number of potentials                | 1   | Number of levels              | 1   |
| 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 | Yes              | Installation advice         | when screwed in |
| Interlock                | for screw fixing | Number of similar terminals | 1               |
| Open sides               | closed           | Type of mounting            | when screwed in |

## CSA rating data

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1888378 | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 26 AWG         |                               |        |

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## Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 6 mm <sup>2</sup>   |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | Clamping screw  | M 3                 |
| Connection cross-section, stranded, max.  | 6 mm <sup>2</sup>    | Connection cross-section, stranded, min.  | 0.5 mm <sup>2</sup> |
| Connection direction  | on side              | Gauge to IEC 60947-1  | A4                  |
| Number of connections   | 2                    | Stripping length  | 10 mm               |
| Tightening torque, max.   | 1 Nm                 | Tightening torque, min.   | 0.5 Nm              |
| Torque level with DMS electric screwdriver  | 2                    | Type of connection  | Screw connection    |
| Wire connection cross section, finely stranded, max.                                    | 6 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> |

## Dimensions

|              |       |
|--------------|-------|
| TS 35 offset | 28 mm |
|--------------|-------|

## General

|                     |                 |      |       |
|---------------------|-----------------|------|-------|
| Installation advice | when screwed in | Rail | TS 35 |
| Standards           | IEC 60947-7-2   |      |       |

## PE rating data

|  |                            |                              |       |
|--|----------------------------|------------------------------|-------|
| Rated short-time current                 | 480 A (4 mm <sup>2</sup> ) | Centre screw on PE terminals | M 2.5 |
| Tightening torque range for fixing screw | 0.4...0.8 Nm               | 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. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 10 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR)   | 10 AWG |
| Conductor size Field wiring min. (UR)   | 22 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 |             |             |

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## Approvals

Approvals



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

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation of Conformity</a><br><a href="#">IECEX Certificate</a><br><a href="#">CB Test Certificate</a><br><a href="#">CB Certificate</a><br><a href="#">EAC certificate</a><br><a href="#">DNVGL certificate</a><br><a href="#">INMETRO certificate</a><br><a href="#">Lloyds Register Certificate</a><br><a href="#">MARITREG Certificate</a><br><a href="#">POLSKIREJ certificate</a><br><a href="#">EAC EX Certificate</a><br><a href="#">CCC Ex Certificate</a><br><a href="#">CE Declaration of Conformity</a><br><a href="#">ATEX Certificate</a><br><a href="#">CE Declaration of Conformity all terminals</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>   |
| User Documentation                          | <a href="#">NTI WDU/WPE 4</a><br><a href="#">NTI WDU/WPE 4 SL EN</a><br><a href="#">StorageConditionsTerminalBlocks</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   |  |

**Data sheet**

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**Drawings**

