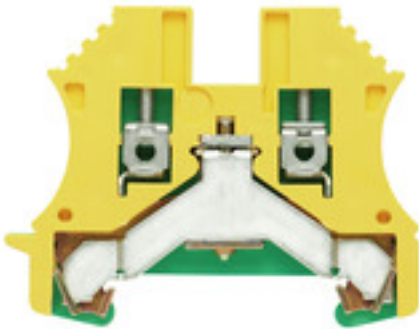


**W-Series**  
**WPE 2.5**

**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****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**

|            |   |
|------------|---|
| Type       | WPE 2.5   |
| Order No.  | <a href="#">1010000000</a>  |
| Version    | PE terminal, Screw connection, 2.5 mm <sup>2</sup> , 300 A (2.5 mm <sup>2</sup> ), Green/yellow |
| GTIN (EAN) | 4008 190143640  |
| Qty.       | 100 pc(s).  |

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

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 5.1 mm  | Width (inches)  | 0.201 inch |
| Height                   | 60 mm   | Height (inches) | 2.362 inch |
| Depth                    | 46.5 mm | Depth (inches)  | 1.831 inch |
| Depth including DIN rail | 47 mm   | Weight          | 18.86 g    |
| Net weight               | 16.22 g |                 |            |

**Temperatures**

|                                  |   |                                  |                |
|----------------------------------|---|----------------------------------|----------------|
| Operating temperature range      | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity | Storage temperature, max.        | 55 °C          |
| Storage temperature, min.        | -25 °C  | Storage temperature              | -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) | 2.5 mm <sup>2</sup>   | Wire cross section max. (IECEX) | 2.5 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 eb II C Gb       |
| Ex 2014/34/EU label            | II 2 G D  |                                 |                     |

**System specifications**

|                                     |   |                               |     |
|-------------------------------------|---|-------------------------------|-----|
| Version                             | Screw 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 | 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               | right            | Type of mounting            | when screwed in |

**CSA rating data**

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1888378 | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG         |                               |        |

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

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.05 mm <sup>2</sup> | Clamping screw  | M 2.5               |
| 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   | 2                    | Stripping length  | 10 mm               |
| Tightening torque, max.   | 0.6 Nm               | Tightening torque, min.   | 0.4 Nm              |
| Torque level with DMS electric screwdriver  | 1                    | Type of connection  | Screw connection    |
| Wire connection cross section AWG, max.   | AWG 12               | Wire connection cross section AWG, min.   | AWG 30              |
| 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. | 2.5 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. | 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> |

**Dimensions**

|              |       |
|--------------|-------|
| TS 35 offset | 32 mm |
|--------------|-------|

**PE rating data**

|  |                              |                              |       |
|--|------------------------------|------------------------------|-------|
| Rated short-time current                 | 300 A (2.5 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                         | 2.5 mm <sup>2</sup> | Rated voltage to adjoining terminal                  | 800 V   |
| Standards                                   | IEC 60947-7-2       | Volume resistance according to IEC 60947-7-x         | 1.33 mΩ |
| Power loss in accordance with IEC 60947-7-x | 0.77 W              | Rated impulse withstand voltage to adjacent terminal | 8 kV    |
| Pollution severity                          | 3                   |  |         |

**UL rating data**

|   |        |   |        |
|---|--------|---|--------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR)   | 12 AWG |
| Conductor size Field wiring min. (UR)   | 22 AWG |   |        |

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC000901    | ETIM 7.0   | EC000901    |
| eClass 9.0  | 27-14-11-41 | eClass 9.1 | 27-14-11-41 |
| eClass 10.0 | 27-14-11-41 | UNSPSC     | 30-21-18-11 |