

**W-Series  
WDT 1.5/1 DB/GE**

**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****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       | WDT 1.5/1 DB/GE                                                                        |
| Order No.  | <a href="#">1015800000</a>                                                             |
| Version    | Test-disconnect terminal, Screw connection, 1.5 mm², 250 V, 10 A, Pivoting, dark beige |
| GTIN (EAN) | 4008 190098827                                                                         |
| Qty.       | 25 pc(s).                                                                              |

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

|                          |          |                 |            |
|--------------------------|----------|-----------------|------------|
| Width                    | 6.4 mm   | Width (inches)  | 0.252 inch |
| Height                   | 112 mm   | Height (inches) | 4.409 inch |
| Depth                    | 66 mm    | Depth (inches)  | 2.598 inch |
| Depth including DIN rail | 66.75 mm | Weight          | 34.56 g    |
| Net weight               | 33.84 g  |                 |            |

**Temperatures**

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature, max.        | 55 °C          | Storage temperature, min.        | -25 °C |
| Storage temperature              | -25 °C...55 °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                             | Screw connection, Spacer, for plug-in cross-connector, 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   | Yes                                                                    | PE connection                 | No |
| Rail                                | TS 32, TS 35                                                           | N-function                    | No |
| PE function                         | No                                                                     | PEN function                  | No |

**Additional technical data**

|                          |        |                             |         |
|--------------------------|--------|-----------------------------|---------|
| Explosion-tested version | No     | Number of similar terminals | 1       |
| Open sides               | closed | Type of mounting            | Snap-on |

**CSA rating data**

|                               |           |                               |        |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA)         | 12400-278 | Current size D (CSA)          | 10 A   |
| Voltage size D (CSA)          | 300 V     | Wire cross section max. (CSA) | 14 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.                                                                    | 2.5 mm <sup>2</sup> |
| Clamping range, min.                                                                    | 0.13 mm <sup>2</sup> | Clamping screw                                                                          | M 2.5               |
| Connection cross-section, stranded, max.                                                | 2.5 mm <sup>2</sup>  | Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup> |
| Connection direction                                                                    | top                  | Gauge to IEC 60947-1                                                                    | A2                  |
| 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 14               | Wire connection cross section AWG, min.                                                 | AWG 26              |
| Wire connection cross section, finely stranded, max.                                    | 1.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 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. | 1.5 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.                                         | 2.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

**Dimensions**

|              |         |
|--------------|---------|
| TS 35 offset | 35.5 mm |
|--------------|---------|

**Disconnect terminals**

|                  |          |                      |     |
|------------------|----------|----------------------|-----|
| Cross-disconnect | without  | Integral test socket | Yes |
| Slitting         | Pivoting |                      |     |

**Rating data**

|                                             |                     |                                              |         |
|---------------------------------------------|---------------------|----------------------------------------------|---------|
| Rated cross-section                         | 1.5 mm <sup>2</sup> | Rated voltage                                | 250 V   |
| Rated current                               | 10 A                | Current at maximum wires                     | 10 A    |
| Standards                                   | IEC 60947-7-1       | Volume resistance according to IEC 60947-7-x | 1.83 mΩ |
| Power loss in accordance with IEC 60947-7-x | 0.56 W              | Rated impulse withstand voltage              | 4 kV    |
| Pollution severity                          | 3                   |                                              |         |

**UL rating data**

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 14 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR)   | 14 AWG |
| Conductor size Field wiring min. (UR)   | 22 AWG | Current size C (UR)                     | 10 A   |
| Voltage size C (UR)                     | 300 V  |                                         |        |

**Classifications**

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0   | EC000902    |
| eClass 9.0  | 27-14-11-26 | eClass 9.1 | 27-14-11-26 |
| eClass 10.0 | 27-14-11-26 | UNSPSC     | 30-21-18-11 |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

|                                             |                                                                                                                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">NEMKO Certificate</a><br><a href="#">DE_PT1002_20160418_752_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_WDT_1.5.pdf</a><br><a href="#">StorageConditionsTerminalBlocks</a>                                                                                      |

### Safety note

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

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## Drawings

