

**W-Series  
WTA 2/ZA WDU2.5-10****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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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       | WTA 2/ZA WDU2.5-10         |
| Order No.  | <a href="#">1632330000</a> |
| Version    | W-Series, Test adapter     |
| GTIN (EAN) | 4008190257330              |
| Qty.       | 25 pc(s).                  |

## W-Series

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Width      | 5 mm    | Width (inches)  | 0.197 inch |
| Height     | 66.1 mm | Height (inches) | 2.602 inch |
| Depth      | 83.9 mm | Depth (inches)  | 3.303 inch |
| Net weight | 8.71 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. | 100 °C        |                                  |        |

### Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

### Material data

|                           |       |        |       |
|---------------------------|-------|--------|-------|
| Material                  | PA 66 | Colour | black |
| UL 94 flammability rating | V-2   |        |       |

### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

|                                                                                                            |                     |                                                                                                            |                     |
|------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------|---------------------|
| Wire connection cross section, finely stranded, two clampable wires, min.                                  | 0.5 mm <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max.                                             | 1.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm <sup>2</sup> | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 1.5 mm <sup>2</sup> |

### Additional technical data

|                     |                 |                   |     |
|---------------------|-----------------|-------------------|-----|
| Installation advice | Direct mounting | With snap-in pegs | Yes |
|---------------------|-----------------|-------------------|-----|

### Conductors for clamping (rated connection)

|                                                                                         |                     |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|---------------------|
| Clamping screw                                                                          | M 2.5               | Number of connections                                                                   | 1                   |
| Stripping length                                                                        | 6 mm                | Tightening torque, max.                                                                 | 0.3 Nm              |
| Tightening torque, min.                                                                 | 0.3 Nm              | Type of connection                                                                      | Screw connection    |
| 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, min.                                    | 1 mm <sup>2</sup>   |
| Wire connection cross-section, solid core, max.                                         | 1.5 mm <sup>2</sup> | Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |

### Dimensions

|                 |      |                   |          |
|-----------------|------|-------------------|----------|
| Pitch in mm (P) | 5 mm | Height with TS 35 | 107.6 mm |
|-----------------|------|-------------------|----------|

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### Rating data

|                                             |                     |                                              |         |
|---------------------------------------------|---------------------|----------------------------------------------|---------|
| Rated cross-section                         | 1.5 mm <sup>2</sup> | Rated voltage                                | 250 V   |
| Rated current                               | 6 A                 | Volume resistance according to IEC 60947-7-x | 1.83 mΩ |
| Power loss in accordance with IEC 60947-7-x | 0.56 W              |                                              |         |

### Classifications

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC002555    | ETIM 7.0   | EC002555    |
| eClass 9.0  | 27-14-11-48 | eClass 9.1 | 27-14-11-48 |
| eClass 10.0 | 27-14-11-48 | UNSPSC     | 30-21-18-11 |

### Approvals

Approvals



ROHS Conform

### Downloads

|                                             |                                                                          |
|---------------------------------------------|--------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</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="#">21837_WTA_2-ZA_WDU2.5-10_DXF.dxf</a><br><a href="#">STEP</a> |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                          |