

**W-Series
WTR 2.5 BL**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

| | |
|------------|---|
| Type | WTR 2.5 BL |
| Order No. | 8731640000 |
| Version | W-Series, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection |
| GTIN (EAN) | 4032248471447 |
| Qty. | 100 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|------------|-------|--------------------------|--------|
| Length | 60 mm | Width | 5.1 mm |
| Height | 48 mm | Height of lowest version | 49 mm |
| Net weight | 8.2 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature | | Storage temperature | |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

2 clampable wires (H05V/H07V) same cross-section (rated connection)

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

Additional technical data

| | | | |
|--------------------------|---------|------------|---|
| Explosion-tested version | No | Open sides | right |
| Type of mounting | Snap-on | Version | Screw connection, Disconnection element, for plug-in cross-connector, One end without connector |

CSA ratings data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 154685-1152890 | Voltage size C (CSA) | 300 V |
| Current size C (CSA) | 10 A | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Clampable wires (additional connection)

| | | | |
|---|---------------------|---|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. | 0.5 mm ² | Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm ² |
|---|---------------------|---|---------------------|

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Clampable wires (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Type of connection | Screw connection | Stripping length | 10 mm |
| Blade size | 0.6 x 3.5 mm | Connection direction | on side |
| Clamping range, rated connection, min. | 0.05 mm ² | Clamping range, rated connection, max. | 4 mm ² |
| Clamping screw | M 2.5 | Tightening torque, min. | 0.4 Nm |
| Tightening torque, max. | 0.8 Nm | Torque level with DMS electric screwdriver | 1 |
| Gauge to IEC 60947-1 | A3 | Wire connection cross section, solid core, max. rated connection | 0.5 mm ² |
| Wire connection cross section, solid core max. rated connection | 4 mm ² | Wire connection cross section, stranded, rated connection, min. | 1.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 4 mm ² | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross-section, finely stranded, min. | 0.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² | Wire connection cross section AWG, min. | AWG 30 |
| Wire connection cross section AWG, max. | AWG 12 | | |

Disconnect terminals

| | | | |
|-------------------------|----------|--|--------|
| Cross-disconnect | without | Integral test socket | No |
| Slitting | Pivoting | Tightening torque, max. | 0.8 Nm |
| Tightening torque, min. | 0.4 Nm | Torque level with DMS electric screwdriver | 1 |

Rated data

| | | | |
|---------------------------------|---------------------|---------------|---------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 500 V |
| Rated impulse withstand voltage | 6 kV | Rated current | 24 A |
| Current at maximum wires | 24 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

UL ratings data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Voltage size C (UR) | 600 V |
| Current size C (UR) | 20 A | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 30 AWG | Conductor size Field wiring max. (UR) | 12 AWG |

Material data

| | | | |
|---------------------------|-------|--------|------|
| Material | Wemid | Colour | Blue |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-----------------------------------|----------|--------------------|------------------|
| Product family | W-Series | Type of connection | Screw connection |
| Connection direction | on side | Number of levels | 1 |
| Levels cross-connected internally | No | Mounting rail | TS 35 |
| End cover plate required | Yes | | |

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Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000902 | UNSPSC | 30-21-18-11 |
| eClass 5.1 | 27-14-11-26 | eClass 6.2 | 27-14-11-26 |
| eClass 7.1 | 27-14-11-26 | | |

Product information

Descriptive text technical data 2.5 mm² conductor with ferrule with plastic collar, only with order No. 1333100000 (QTY 500).

Approvals

Approvals



ROHS Conform

Datenblatt

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Zeichnungen

