

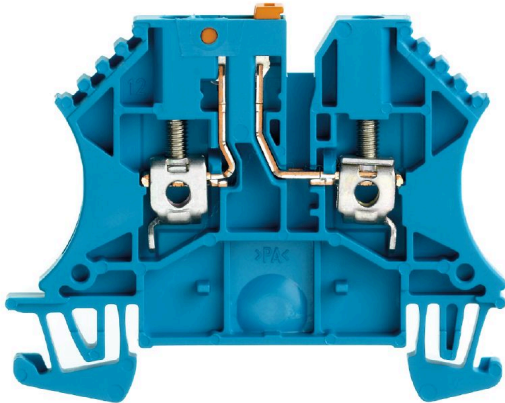
**WTR 2.5 STB2.3 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

**General ordering data**

|            |  |
|------------|--|
| Version    | Test-disconnect terminal, Screw connection, blue, 2.5 mm <sup>2</sup> , 24 A, 800 V, Number of connections: 2, Number of levels: 1 |
| Order No.  | <a href="#">8731660000</a>   |
| Type       | WTR 2.5 STB2.3 BL  |
| GTIN (EAN) | 403224840484 1   |
| Qty.       | 100 items  |

WTR 2.5 STB2.3 BL

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| Certificate No. (UR)  | E60693                     |

Dimensions and weights

|                          |             |                |             |
|--------------------------|-------------|----------------|-------------|
| Depth                    | 48 mm       | Depth (inches) | 1.8898 inch |
| Depth including DIN rail | 49 mm       | Height         | 60 mm       |
| Height (inches)          | 2.3622 inch | Width          | 5.1 mm      |
| Width (inches)           | 0.2008 inch | Net weight     | 8.57 g      |

Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C        |

Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | f92ee310-1e24-42d5-9b63-f4a42add4010 |

Material data

|                           |       |        |      |
|---------------------------|-------|--------|------|
| Basic material            | Wemid | Colour | blue |
| UL 94 flammability rating | V-0   |        |      |

Rating data IECEX/ATEX

|                                |                     |                                 |                     |
|--------------------------------|---------------------|---------------------------------|---------------------|
| Certificate No. (ATEX)         | DEMKO14ATEX1389U    | Certificate No. (IECEX)         | IECEXUL14.0097U     |
| Max. voltage (ATEX)            | 500 V               | Current (ATEX)                  | 21 A                |
| Wire cross section max. (ATEX) | 2.5 mm <sup>2</sup> | Max. voltage (IECEX)            | 500 V               |
| Current (IECEX)                | 21 A                | Wire cross section max. (IECEX) | 2.5 mm <sup>2</sup> |
| Marking EN 60079-7             | Ex ec II C Gc       | Ex 2014/34/EU label             | II 3 G              |

System specifications

|                                     |  |                               |     |
|-------------------------------------|--|-------------------------------|-----|
| Version                             | Screw connection, Spacer, With sockets, for plug-in cross-connector, 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                 | No  |
| Mounting rail                       | TS 35  | N-function                    | Yes |
| PE function                         | No   | PEN function                  | No  |

## WTR 2.5 STB2.3 BL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Additional technical data

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

## CSA rating data

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

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Gauge to IEC 60947-1  | A3                   | Wire connection cross section AWG, max.   | AWG 12              |
| Connection direction  | on side              | Tightening torque, max.   | 0.7 Nm              |
| Tightening torque, min.   | 0.5 Nm               | Stripping length  | 10 mm               |
| Type of connection 2  | Screw connection     | Type of connection  | Screw connection    |
| Number of connections   | 2                    | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | Clamping screw  | M 3                 |
| Blade size  | 0.6 x 3.5 mm         | Wire connection cross section AWG, min.   | AWG 30              |
| 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 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, max.                                    | 4 mm <sup>2</sup>    | Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Connection cross-section, stranded, max.  | 4 mm <sup>2</sup>    | Connection cross-section, stranded, min.  | 1.5 mm <sup>2</sup> |
| Torque level with DMS electric screwdriver  | 1                    | 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 | 35.5 mm |
|--------------|---------|

## General

|   |               |   |        |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 12        | Wire connection cross section AWG, min. | AWG 30 |
| Standards                               | IEC 60947-7-1 | Mounting rail                           | TS 35  |

## Rating data

|  |                     |                                 |               |
|--|---------------------|---------------------------------|---------------|
| Rated cross-section                          | 2.5 mm <sup>2</sup> | Rated voltage                   | 800 V         |
| Rated DC voltage                             | 800 V               | Nominal current                 | 24 A          |
| Current at maximum wires                     | 24 A                | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ             | Rated impulse withstand voltage | 8 kV          |

**WTR 2.5 STB2.3 BL**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data**

|   |        |                    |   |
|---|--------|--------------------|---|
| Power loss in accordance with IEC 60947-7-x | 0.77 W | Pollution severity | 3 |
|---|--------|--------------------|---|

**UL rating data**

|   |        |   |        |
|---|--------|---|--------|
| Conductor size Factory wiring max. (UR) | 12 AWG | Current size C (UR)                     | 20 A   |
| Voltage size C (UR)                     | 300 V  | Conductor size Factory wiring min. (UR) | 30 AWG |
| Certificate No. (UR)                    | E60693 | Conductor size Field wiring min. (UR)   | 30 AWG |
| Conductor size Field wiring max. (UR)   | 12 AWG |   |        |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ETIM 8.0    | EC000902    | ETIM 9.0    | EC000902    |
| ETIM 10.0   | EC000902    | ECLASS 9.0  | 27-14-11-26 |
| ECLASS 9.1  | 27-14-11-26 | ECLASS 10.0 | 27-14-11-26 |
| ECLASS 11.0 | 27-14-11-26 | ECLASS 12.0 | 27-14-11-26 |
| ECLASS 13.0 | 27-25-01-09 | ECLASS 14.0 | 27-25-01-09 |
| ECLASS 15.0 | 27-25-01-09 |             |             |

**Drawings**

