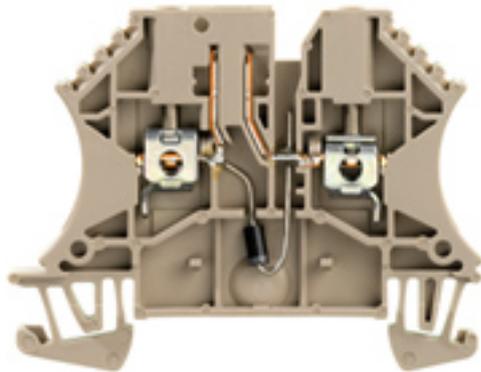


**WTR 2.5 D+ 2STB 6.9/2.3**

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

www.weidmueller.com

**Product image**

Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

**General ordering data**

|            |  |
|------------|--|
| Version    | Test-disconnect terminal, Screw connection, dark beige, 2.5 mm <sup>2</sup> , 0.5 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid |
| Order No.  | <a href="#">1961750000</a>   |
| Type       | WTR 2.5 D+ 2STB 6.9/2.3  |
| GTIN (EAN) | 4032248642496  |
| Qty.       | 25 pièce(s)  |

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## Caractéristiques techniques

### Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 48 mm  | Depth (inches)  | 1,89 inch  |
| Height     | 60 mm  | Height (inches) | 2,362 inch |
| Width      | 5,1 mm | Width (inches)  | 0,201 inch |
| Net weight | 9,03 g |                 |            |

### Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| 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, with diode, With sockets, 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  |
| Rail                                | TS 35   | N-function                    | No  |
| PE function                         | No  | PEN function                  | No  |

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

|  |                     |  |                     |
|--|---------------------|--|---------------------|
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 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, 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> |

### Additional technical data

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

### CSA rating data

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1152890 | Current size C (CSA)          | 10 A   |
| Voltage size C (CSA)          | 300 V          | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG         |                               |        |

### Component

|                 |                 |         |
|-----------------|-----------------|---------|
| Component diode | Type diode      | 1N4007  |
|                 | Forward current | 1 A     |
|                 | Reverse voltage | 1 300 V |
|                 | Forward voltage | 0,7 V   |

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## Caractéristiques techniques

### Conductors for clamping (additional connection)

Connection type, additional connection Tension clamp connection with actuator

### Conductors for clamping (rated connection)

|   |                      |   |                          |
|---|----------------------|---|--------------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>        |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | Clamping screw  | M 3                      |
| Connection cross-section, stranded, max.  | 4 mm <sup>2</sup>    | Connection cross-section, stranded, min.  | 1,5 mm <sup>2</sup>      |
| Connection direction  | on side              | Gauge to IEC 60947-1  | A3                       |
| Number of connections   | 2                    | Stripping length  | 10 mm                    |
| Tightening torque, max.   | 0,6 Nm               | Tightening torque, min.   | 0,5 Nm                   |
| Type of connection  | Screw connection     | Type of connection 2  | Tension-clamp connection |
| Wire connection cross section AWG, max.   | AWG 12               | Wire connection cross section AWG, min.   | AWG 26                   |
| 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>      |
| 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, 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

### General

|   |        |   |               |
|---|--------|---|---------------|
| Rail                                    | TS 35  | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 26        |

### Rating data

|  |                     |                                 |               |
|--|---------------------|---------------------------------|---------------|
| Rated cross-section                          | 2,5 mm <sup>2</sup> | Rated voltage                   | 500 V         |
| Rated DC voltage                             | 500 V               | Rated current                   | 0,5 A         |
| Current at maximum wires                     | 1 A                 | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1,33 mΩ             | Rated impulse withstand voltage | 6 kV          |
| Power loss in accordance with IEC 60947-7-x  | 0,77 W              | Pollution severity              | 3             |

### UL rating data

|                              |        |                              |        |
|------------------------------|--------|------------------------------|--------|
| Certificate No. (UR)         | E60693 | Current size C (UR)          | 20 A   |
| Voltage size C (UR)          | 300 V  | Wire cross section max. (UR) | 12 AWG |
| Wire cross section min. (UR) | 30 AWG |                              |        |

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## Caractéristiques techniques

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ETIM 8.0    | EC000902    | ETIM 9.0    | 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 |             |             |

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c, 7a                               |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | f92ee310-1e24-42d5-9b63-f4a42add4010 |

## Important note

|                     |  |
|---------------------|--|
| Product information | Rated current 10 A only for the continuous currentbar. Components may reduce the rated current and the rated voltage. The permissible continuous operating temperature must be observed. The allowed continuous operating temperature must be observed |
|---------------------|--|

## Approvals

Approvals



|                       |            |
|-----------------------|------------|
| ROHS                  | Conform    |
| UL File Number Search | UL Website |
| Certificate No. (UR)  | E60693     |

## Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">DNV Certificate</a><br><a href="#">CE Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a><br><a href="#">Confirmation of Standards EN 45545-2_2020-10</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |

**Fiche de données****WTR 2.5 D+ 2STB 6.9/2.3**

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**Dessins**