

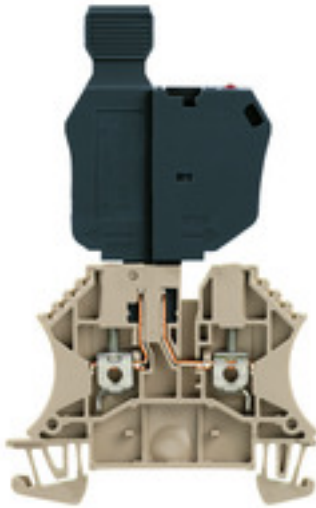
WTR 2.5/SI LD 36V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

General ordering data

| | |
|------------|--|
| Version | Fuse terminal, Screw connection, dark beige, 2.5 mm ² , 6.3 A, 36 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid, G-Si. 5 x 20 |
| Order No. | 1763950000 |
| Type | WTR 2.5/SI LD 36V |
| GTIN (EAN) | 4032248107742 |
| Qty. | 25 pc(s). |

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Catalogue status 26.11.2024 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 97 mm | Depth (inches) | 3.819 inch |
| Height | 60 mm | Height (inches) | 2.362 inch |
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Net weight | 15.12 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, Fuse isolator, with LED, 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 |
| 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 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, two clampable wires, min. | 0.5 mm ² | Wire cross-section, finely stranded, two clampable wires, max. | 1.5 mm ² |

Additional technical data

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

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 154685-1152890 | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

| | | | |
|---|---------------------|--|------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm ² | Connection type, additional connection | Screw connection |
|---|---------------------|--|------------------|

Conductors for clamping (rated connection)

| | |
|------------|--------------|
| Blade size | 0.6 x 3.5 mm |
|------------|--------------|

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Technical data

| | | | | |
|--|--|-----------------------|---------------------|--------|
| Clampable conductor | Connection specification | | Screw connection | |
| | Cross-section for conductor connection | Type | solid, H05(07) V-U | |
| | | min. | 0.5 mm ² | |
| | | max. | 4 mm ² | |
| | | nominal | 2.5 mm ² | |
| | wire end ferrule | Stripping length | min. | 10 mm |
| | | | max. | 10 mm |
| | | | nominal | 10 mm |
| | | Tightening torque | min. | 0.4 Nm |
| | max. | | 0.8 Nm | |
| | Recommended wire-end ferrule | | | |
| | Connection specification | | Screw connection | |
| Cross-section for conductor connection | Type | stranded, H07V-R | | |
| | min. | 1.5 mm ² | | |
| | max. | 4 mm ² | | |
| | nominal | 2.5 mm ² | | |
| wire end ferrule | Stripping length | min. | 10 mm | |
| | | max. | 10 mm | |
| | | nominal | 10 mm | |
| | Tightening torque | min. | 0.4 Nm | |
| max. | | 0.8 Nm | | |
| Recommended wire-end ferrule | | | | |
| Connection specification | | Screw connection | | |
| Cross-section for conductor connection | Type | flexible, H05(07) V-K | | |
| | min. | 0.5 mm ² | | |
| | max. | 4 mm ² | | |
| | nominal | 2.5 mm ² | | |
| wire end ferrule | Stripping length | min. | 10 mm | |
| | | max. | 10 mm | |
| | | nominal | 10 mm | |
| | Tightening torque | min. | 0.4 Nm | |
| max. | | 0.8 Nm | | |
| Recommended wire-end ferrule | | | | |
| Clamping range, max. | 4 mm ² | | | |
| Clamping range, min. | 0.05 mm ² | | | |
| Clamping screw | M 2.5 | | | |
| Connection cross-section, stranded, max. | 4 mm ² | | | |
| Connection cross-section, stranded, min. | 1.5 mm ² | | | |
| Connection direction | on side | | | |
| Gauge to IEC 60947-1 | A3 | | | |
| Number of connections | 2 | | | |
| Stripping length | 10 mm | | | |
| Tightening torque, max. | 0.8 Nm | | | |
| Tightening torque, min. | 0.4 Nm | | | |
| Torque level with DMS electric screw-driver | 1 | | | |
| Type of connection | Screw connection | | | |
| Type of connection 2 | Screw 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 ² | | | |

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| | |
|---|---------------------|
| Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² |
| Wire connection cross-section, solid core, min. | 0.5 mm ² |

Fuse terminals

| | | | |
|--------------------------------|--------------|-------------------------|---------|
| Cartridge fuse | G-Si. 5 x 20 | Display | Red LED |
| Fuse holder (cartridge holder) | pluggable | Operating voltage, max. | 36 V |

General

| | | | |
|---|--------|---|---------------|
| Rail | TS 35 | Standards | IEC 60947-7-3 |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 26 |

Rating data

| | | | |
|-------------------------------------|---------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 36 V |
| Rated voltage to adjoining terminal | 400 V | Rated DC voltage | 36 V |
| Rated current | 6.3 A | Current at maximum wires | 6.3 A |
| Standards | IEC 60947-7-3 | 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 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 22 AWG | Conductor size Field wiring max. (UR) | 12 AWG |
| Conductor size Field wiring min. (UR) | 22 AWG | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000899 | ETIM 7.0 | EC000899 |
| ETIM 8.0 | EC000899 | ETIM 9.0 | EC000899 |
| ECLASS 9.0 | 27-14-11-16 | ECLASS 9.1 | 27-14-11-16 |
| ECLASS 10.0 | 27-14-11-16 | ECLASS 11.0 | 27-14-11-16 |
| ECLASS 12.0 | 27-14-11-16 | ECLASS 13.0 | 27-25-01-13 |
| ECLASS 14.0 | 27-25-01-13 | | |

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Technical data**Environmental Product Compliance**

| | |
|--------------------------------------|--------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7cl |
| REACH SVHC | No SVHC above 0.1 wt% |

Important note

| | |
|---------------------|--|
| Product information | The voltage depends on the selected fuse element or the selected indicator light |
|---------------------|--|

Approvals

Approvals



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

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | CB Testreport CB Certificate CB Test certificate CE Declaration of Conformity UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| User Documentation | StorageConditions TerminalBlocks Instruction sheet |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

Data sheet

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Drawings

