

WTD 6 SL O.STB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

| | |
|------------|--|
| Version | W-Series, Feed-through terminal, Rated cross-section: 6 mm ² , Screw connection |
| Order No. | 1238920000 |
| Type | WTD 6 SL O.STB |
| GTIN (EAN) | 4050118032192 |
| Qty. | 50 pc(s). |

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 50 mm | Depth (inches) | 1.969 inch |
| Depth including DIN rail | 50.5 mm | Height | 82.7 mm |
| Height (inches) | 3.256 inch | Width | 7.9 mm |
| Width (inches) | 0.311 inch | Net weight | 22.36 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, with spring-loaded cable clamp, 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 |

Additional technical data

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

Conductors for clamping (rated connection)

| | | | |
|--|---------------------|--|---------------------|
| Blade size | 0.8 x 4.0 mm | Clamping range, max. | 6 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3.5 |
| Connection cross-section, stranded, max. | 6 mm ² | Connection direction | on side |
| Gauge to IEC 60947-1 | A5 | Number of connections | 2 |
| Stripping length | 16 mm | Tightening torque, max. | 1.6 Nm |
| Tightening torque, min. | 0.8 Nm | Type of connection | Screw connection |
| Wire connection cross section, finely stranded, max. | 6 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 6 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|------|-------|-----------|---------------|
| Rail | TS 35 | Standards | IEC 60947-7-1 |
|------|-------|-----------|---------------|

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Technical data**Rating data**

| | | | |
|---|-------------------|--|---------|
| Rated cross-section | 6 mm ² | Rated voltage | 630 V |
| Rated current | 41 A | Current at maximum wires | 57 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 0.78 mΩ |
| Power loss in accordance with IEC 60947-7-x | 1.31 W | Pollution severity | 2 |
| Surge voltage category | III | | |

Classifications

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

Approvals

Approvals



ROHS

Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

Data sheet

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Drawings

