

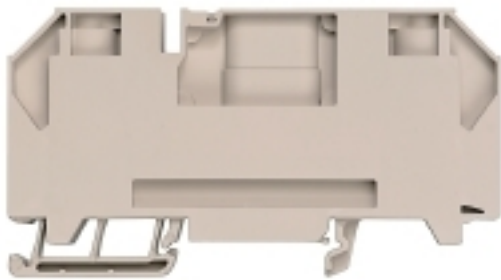
WTL 35/1STB/WQV**Weidmüller Interface GmbH & Co. KG**

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 | Test-disconnect terminal, Screw connection, 35 mm ² , 500 V, 125 A, sliding, dark beige |
| Order No. | 1925050000 |
| Type | WTL 35/1STB/WQV |
| GTIN (EAN) | 4032248566150 |
| Qty. | 10 pc(s). |

Creation date March 1, 2023 1:04:14 PM CET

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

WTL 35/1STB/WQV

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 67.5 mm | Depth (inches) | 2.657 inch |
| Height | 100 mm | Height (inches) | 3.937 inch |
| Width | 16 mm | Width (inches) | 0.63 inch |
| Net weight | 107.9 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 sockets, for screwable cross- connection, in closed state | End cover plate required | No |
| 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 | Yes |

Additional technical data

| | | | |
|-----------------------------|---|------------------|---------|
| Number of similar terminals | 1 | Type of mounting | Snap-on |
|-----------------------------|---|------------------|---------|

Conductors for clamping (rated connection)

| | | | |
|---|--------------------|---|--------------------|
| Blade size | 6.5 x 1.2 mm | Clamping range, max. | 35 mm ² |
| Clamping range, min. | 4 mm ² | Clamping screw | M 6 |
| Connection cross-section, stranded, max. | 35 mm ² | Connection cross-section, stranded, min. | 10 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | B9 |
| Number of connections | 2 | Stripping length | 18 mm |
| Type of connection | Screw connection | Wire connection cross section, finely stranded, max. | 35 mm ² |
| Wire connection cross section, finely stranded, min. | 4 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 35 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 4 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 35 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 4 mm ² | Wire connection cross-section, solid core, max. | 16 mm ² |
| Wire connection cross-section, solid core, min. | 4 mm ² | | |

Dimensions

| | |
|--------------|-------|
| TS 35 offset | 50 mm |
|--------------|-------|

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Disconnect terminals

| | | | |
|-----------------------------|---------|-----------------------------|--------|
| Cross-disconnect | without | Integral test socket | Yes |
| Slitting | sliding | Torque max. screw separator | 2.4 Nm |
| Torque min. screw separator | 1.7 Nm | | |

General

| | |
|------|-------|
| Rail | TS 35 |
|------|-------|

Rating data

| | | | |
|--|--------------------|---------------------------------|-------|
| Rated cross-section | 35 mm ² | Rated voltage | 500 V |
| Rated current | 125 A | Current at maximum wires | 125 A |
| Volume resistance according to IEC 60947-7-x | 0.26 mΩ | Rated impulse withstand voltage | 6 kV |
| Power loss in accordance with IEC 60947-7-x | 4 W | Pollution severity | 3 |

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 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 0eb7d846-d0a1-43e5-93a4-d7c6856c4cda |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD, Zuken E3.S |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

Data sheet

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Drawings

