

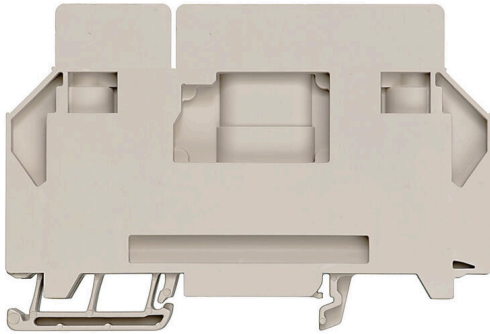
WTL 35/2STB**Weidmüller Interface GmbH & Co. KG**

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 | Measuring transformer disconnect terminal, Screw connection, 500, 125, 2 |
| Order No. | 1925030000 |
| Type | WTL 35/2STB |
| GTIN (EAN) | 4032248566136 |
| Qty. | 10 items |

WTL 35/2STB

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 67.5 mm | Depth (inches) | 2.6575 inch |
| Height | 100 mm | Height (inches) | 3.937 inch |
| Width | 16 mm | Width (inches) | 0.6299 inch |
| Net weight | 110.22 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 | 0eb7d846-d0a1-43e5-93a4-d7c6856c4cda |

Material data

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

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-------|
| Version | Screw connection, Spacer, With sockets, 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 |
| PE connection | No | Mounting 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 (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

| | | | |
|----------------------|---------|---|-------|
| Gauge to IEC 60947-1 | B9 | Wire connection cross section AWG, max. | AWG 2 |
| Connection direction | on side | Stripping length | 18 mm |

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| | | | |
|---|--------------------|---|--------------------|
| Type of connection | Screw connection | Number of connections | 2 |
| Clamping range, max. | 35 mm ² | Clamping range, min. | 4 mm ² |
| Clamping screw | M 6 | Blade size | 6.5 x 1.2 mm |
| Wire connection cross section AWG, min. | AWG 12 | 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, 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, max. | 35 mm ² |
| Wire connection cross section, finely stranded, min. | 4 mm ² | Connection cross-section, stranded, max. | 35 mm ² |
| Connection cross-section, stranded, min. | 4 mm ² | Wire connection cross-section, solid core, max. | 16 mm ² |
| Wire connection cross-section, solid core, min. | 4 mm ² | | |

General

| | | | |
|---|-------|---|--------|
| Wire connection cross section AWG, max. | AWG 2 | Wire connection cross section AWG, min. | AWG 12 |
| Mounting rail | TS 35 | | |

Rating data

| | | | |
|---------------------------------|--------------------|--|---------|
| Rated cross-section | 35 mm ² | Rated voltage | 500 V |
| Rated DC voltage | 500 V | Nominal 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 | 4.00 W |
| Pollution severity | 3 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000902 | ETIM 9.0 | EC000902 |
| ETIM 10.0 | EC000902 | ECLASS 14.0 | 27-25-01-09 |
| ECLASS 15.0 | 27-25-01-09 | | |

Drawings

