

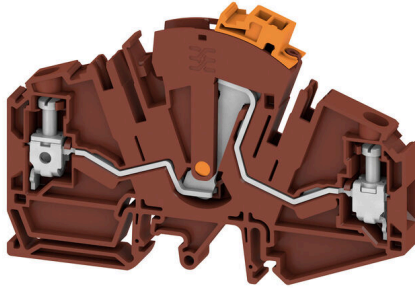
WTTB 6 BR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



In T&D applications, current and voltage transformers are mainly used for protection and measurement functions. Our TTB range of Klippon® Connect instrument transformer terminal blocks have been designed to meet all the connection requirements of these two critical applications. The wiring of current and voltage transformers can be carried out particularly easily and safely with the new terminal block series – even within complex circuits. The prevention of operating errors during operation increases plant availability and extends the life cycle of the entire control cabinet. Thus, the respective requirements of the end user are fulfilled to the highest degree.

General ordering data

| | |
|------------|---|
| Version | Measuring transformer disconnect terminal, Screw connection, 500, 30, 2 |
| Order No. | 2985580000 |
| Type | WTTB 6 BR |
| GTIN (EAN) | 4099986848733 |
| Qty. | 50 items |

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Technical data

Approvals

ROHS Conform

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 69 mm | Depth (inches) | 2.7165 inch |
| Height | 68 mm | Height (inches) | 2.6772 inch |
| Width | 8.1 mm | Width (inches) | 0.3189 inch |
| Net weight | 32.17 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

| | | | |
|--------------------------------|--------|---------------------------|-------|
| Basic material | Wemid | Colour | brown |
| Colour of operational elements | orange | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-------------------------------------|-----|-----------------------------------|----|
| End cover plate required | Yes | Number of levels | 1 |
| Number of clamping points per level | 2 | Levels cross-connected internally | No |

Additional technical data

| | | | |
|------------|-------|------------------|--------------|
| Open sides | right | Type of mounting | TS 32, TS 35 |
|------------|-------|------------------|--------------|

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

| | | | |
|---|--------------------|---|---------------------|
| Gauge to IEC 60947-1 | A4 | Wire connection cross section AWG, max. | AWG 8 |
| Connection direction | on side | Tightening torque, max. | 1.6 Nm |
| Tightening torque, min. | 0.8 Nm | Stripping length | 12 mm |
| Type of connection | Screw connection | Number of connections | 2 |
| Clamping range, max. | 10 mm ² | Clamping range, min. | 0.5 mm ² |
| Blade size | 0.8 x 4.0 mm | Wire connection cross section AWG, min. | AWG 22 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |

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Technical data

| | | | |
|--|--------------------|--|---------------------|
| Wire connection cross section, finely stranded, max. | 10 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Connection cross-section, stranded, max. | 10 mm ² | Connection cross-section, stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 10 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|---|-------|---|--------|
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 22 |
|---|-------|---|--------|

Rating data

| | | | |
|--|-------------------|---|--------|
| Rated cross-section | 6 mm ² | Rated DC voltage | 500 V |
| Nominal current | 30 A | Current at maximum wires | 30 A |
| Volume resistance according to IEC 60947-7-x | 0.78 mΩ | Power loss in accordance with IEC 60947-7-x | 1.31 W |
| Surge voltage category | III | 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

