

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

| | |
|------------|---|
| Version | Test-disconnect terminal, Screw connection, 6 mm ² , 500 V, 30 A, dark beige |
| Order No. | 2710090000 |
| Type | WTTB 6 |
| GTIN (EAN) | 4064675021117 |
| Qty. | 50 pc(s). |

Creation date June 28, 2021 8:16:28 AM CEST

Catalogue status 18.06.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 69 mm | Depth (inches) | 2.717 inch |
| Height | 100 mm | Height (inches) | 3.937 inch |
| Width | 8.1 mm | Width (inches) | 0.319 inch |
| Net weight | 32.173 g | | |

Temperatures

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

Material data

| | | | |
|--------------------------------|--------|---------------------------|------------|
| Material | Wemid | Colour | dark beige |
| Colour of operational elements | orange | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-------------------------------|-----|-------------------------------------|--------------|
| 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 | Rail | TS 35, TS 32 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|--------------------------|--------------|------------|-------|
| Explosion-tested version | No | Open sides | right |
| Type of mounting | TS 32, TS 35 | | |

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 0.8 x 4.0 mm | Clamping range, max. | 10 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3.5 |
| Connection cross-section, stranded, max. | 10 mm ² | Connection cross-section, stranded, min. | 0.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A4 |
| Number of connections | 2 | Stripping length | 12 mm |
| Tightening torque, max. | 1.6 Nm | Tightening torque, min. | 0.8 Nm |
| Type of connection | Screw connection | Wire connection cross section AWG, max. | AWG 8 |
| Wire connection cross section AWG, min. | AWG 22 | Wire connection cross section, finely stranded, max. | 10 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 |
| 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, solid core, max. | 10 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|---|--------------|---|---------------|
| Rail | TS 35, TS 32 | Standards | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 22 |

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Rating data

| | | | |
|---------------------------------|-------------------|--|---------|
| Rated cross-section | 6 mm ² | Rated voltage | 500 V |
| Rated current | 30 A | Current at maximum wires | 30 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 0.78 mΩ |
| Rated impulse withstand voltage | 6 kV | Power loss in accordance with IEC 60947-7-x | 1.31 W |
| Pollution severity | 3 | Surge voltage category | III |

UL rating data

| | | | |
|--|--------|--|-------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 8 AWG |
| Conductor size Factory wiring min. (cURus) | 22 AWG | Conductor size Field wiring max. (cURus) | 8 AWG |
| Conductor size Field wiring min. (cURus) | 22 AWG | Current size B (cURus) | 30 A |
| Current size C (cURus) | 30 A | Current size D (cURus) | 5 A |
| Voltage size B (cURus) | 300 V | Voltage size C (cURus) | 300 V |
| Voltage size D (cURus) | 600 V | | |

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 | | |

Approvals

Approvals



UL File Number Search E60693

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | CB Testreport CB Certificate Declaration of Conformity |
| Engineering Data | STEP |
| Catalogues | Catalogues in PDF-format |

Data sheet

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Drawings

