

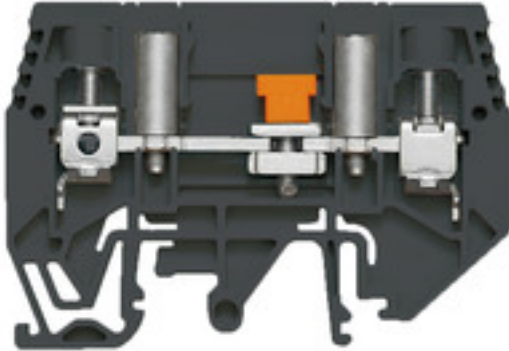
WTL 6/1 EN STB SW**Weidmüller Interface GmbH & Co. KG**

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, 6 mm ² , 630 V, 41 A, sliding, black |
| Order No. | 1062520000 |
| Type | WTL 6/1 EN STB SW |
| GTIN (EAN) | 4032248841127 |
| 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 | 47.5 mm | Depth (inches) | 1.87 inch |
| Depth including DIN rail | 48.5 mm | Height | 68.5 mm |
| Height (inches) | 2.697 inch | Width | 7.9 mm |
| Width (inches) | 0.311 inch | Net weight | 25.28 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 | black |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-----|
| Version | Screw connection, Spacer, 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 32, TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|-------|
| Certificate No. (CSA) | 200039-1057876 | Current size B (CSA) | 45 A |
| Current size C (CSA) | 45 A | Voltage size B (CSA) | 300 V |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 20 AWG | | |

Conductors for clamping (rated connection)

| | | | |
|---|--------------|-------------------------|------------------|
| Blade size | 0.8 x 4.0 mm | Number of connections | 2 |
| Tightening torque, max. | 1.6 Nm | Tightening torque, min. | 1 Nm |
| Torque level with DMS electric screwdriver | 3 | Type of connection | Screw connection |

Dimensions

| | | | |
|--------------|---------|--------------|---------|
| TS 32 offset | 34.5 mm | TS 35 offset | 34.5 mm |
|--------------|---------|--------------|---------|

Disconnect terminals

| | | | |
|-----------------------------|---------|-----------------------------|--------|
| Cross-disconnect | without | Integral test socket | Yes |
| Slitting | sliding | Torque max. screw separator | 0.7 Nm |
| Torque min. screw separator | 0.5 Nm | | |

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2

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Technical data

General

Rail TS 32, TS 35

Rating data

| | | | |
|---|-------------------|--|---------|
| Rated cross-section | 6 mm ² | Rated voltage | 630 V |
| Rated current | 41 A | Volume resistance according to IEC 60947-7-x | 0.78 mΩ |
| Power loss in accordance with IEC 60947-7-x | 1.31 W | | |

UL rating data

| | | | |
|---|--------|---|-------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 8 AWG |
| Conductor size Factory wiring min. (UR) | 20 AWG | Conductor size Field wiring max. (UR) | 8 AWG |
| Conductor size Field wiring min. (UR) | 20 AWG | Current size B (UR) | 45 A |
| Current size C (UR) | 45 A | Voltage size B (UR) | 300 V |
| Voltage size C (UR) | 300 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 | 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 |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | CB Test Certificate CB Certificate EAC certificate 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

