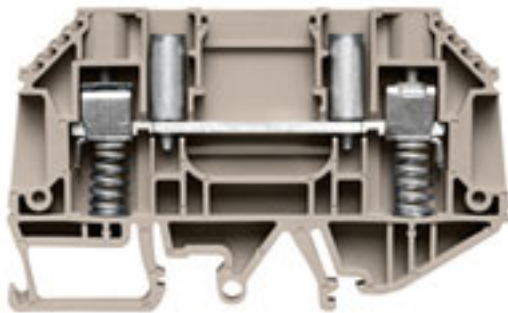


WTD 6 SL/EN**Weidmüller Interface GmbH & Co. KG**

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 | Feed-through terminal block, Screw connection, 6 mm ² , 630 V, 41 A, Number of connections: 2 |
| Order No. | 9538100000 |
| Type | WTD 6 SL/EN |
| GTIN (EAN) | 4008190574987 |
| Qty. | 50 pc(s). |

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 49.5 mm | Depth (inches) | 1.949 inch |
| Depth including DIN rail | 51.5 mm | Height | 82.7 mm |
| Height (inches) | 3.256 inch | Width | 7.9 mm |
| Width (inches) | 0.311 inch | Net weight | 27.2 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, with spring-loaded cable clamp, 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

| | | | |
|--------------------------|-------|-----------------------------|---------|
| Explosion-tested version | No | Number of similar terminals | 1 |
| Open sides | right | Type of mounting | Snap-on |

Conductors for clamping (rated connection)

| | | | |
|--|---------------------|--|---------------------|
| Blade size | 0.8 x 4.0 mm | Clamping range, max. | 6 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3.5 |
| Connection cross-section, stranded, max. | 6 mm ² | Connection direction | on side |
| Gauge to IEC 60947-1 | A5 | Number of connections | 2 |
| Stripping length | 16 mm | Tightening torque, max. | 1.6 Nm |
| Tightening torque, min. | 0.8 Nm | Type of connection | Screw connection |
| Wire connection cross section, finely stranded, max. | 6 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 6 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|------|--------------|-----------|---------------|
| Rail | TS 32, TS 35 | Standards | IEC 60947-7-1 |
|------|--------------|-----------|---------------|

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Rating data

| | | | |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section | 6 mm ² | Rated voltage | 630 V |
| Rated DC voltage | 630 V | Rated current | 41 A |
| Current at maximum wires | 57 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 | 2 |
| Surge voltage category | III | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ECLASS 9.0 | 27-14-11-20 | ECLASS 9.1 | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |
| ECLASS 12.0 | 27-14-11-20 | ECLASS 13.0 | 27-25-01-01 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | c6099607-b1cd-4fc8-8f5b-8c2defa73093 |

Approvals

Approvals



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

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10 |
| Engineering Data | CAD data – STEP |
| Engineering Data | Zuken E3.S |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



WTD 6 SL/EN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****2.5-10 mm²****2.5-10**
mm²

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WAP 16+35 WTW 2.5-10 | Version |
| Order No. | 1050100000 | End and partition plate for terminals, End plate, 56 mm x 1.5 mm, dark beige |
| GTIN (EAN) | 4008190079901 | |
| Qty. | 20 pc(s). | |
| Type | WAP 2.5-10 SW | Version |
| Order No. | 1050010000 | End plate (terminals), 56 mm x 1.5 mm, black |
| GTIN (EAN) | 4008190406806 | |
| Qty. | 50 pc(s). | |
| Type | WAP 2.5-10 | Version |
| Order No. | 1050000000 | End plate (terminals), 56 mm x 1.5 mm, dark beige |
| GTIN (EAN) | 4008190103149 | |
| Qty. | 50 pc(s). | |
| Type | WAP 2.5-10 4-6 | Version |
| Order No. | 1272380000 | End plate (terminals), 56 mm x 1.5 mm, dark beige |
| GTIN (EAN) | 4050118114881 | |
| Qty. | 50 pc(s). | |

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | DEK 5/5 MC NE WS | Version |
| Order No. | 1609801044 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111 | Weidmueller, white |
| Qty. | 1,000 pc(s). | |

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WEW 35/2 | Version |
| Order No. | 1061200000 | End bracket, Wemid, dark beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190030230 | |
| Qty. | 50 pc(s). | |

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| Type | WS 12/5 MC NE WS | Version |
|------------|----------------------------|--|
| Order No. | 1609860000 | WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, |
| GTIN (EAN) | 4008190203481 | Allen-Bradley, white |
| Qty. | 720 pc(s). | |

6 mm²

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

| Type | WQV 6/2 | Version |
|------------|----------------------------|---|
| Order No. | 1052360000 | Cross-connector (terminal), when screwed in, Number of poles: 2, |
| GTIN (EAN) | 4008190075866 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 6/10 | Version |
| Order No. | 1052260000 | Cross-connector (terminal), when screwed in, Number of poles: 10, |
| GTIN (EAN) | 4008190153977 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 20 pc(s). | |
| Type | WQV 6/12 | Version |
| Order No. | 1062720000 | Cross-connector (terminal), when screwed in, Number of poles: 12, |
| GTIN (EAN) | 4050118259391 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 6/7 | Version |
| Order No. | 1062680000 | Cross-connector (terminal), when screwed in, Number of poles: 7, |
| GTIN (EAN) | 4008190261788 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 50 pc(s). | |

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

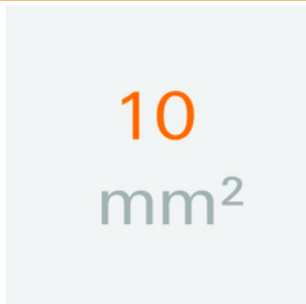
D-32758 Detmold

Germany

www.weidmueller.com

Accessories

| | | |
|------------|----------------------------|--|
| Type | WQV 6/5 | Version |
| Order No. | 1062660000 | Cross-connector (terminal), when screwed in, Number of poles: 5, |
| GTIN (EAN) | 4008190176914 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 6/3 | Version |
| Order No. | 1054760000 | Cross-connector (terminal), when screwed in, Number of poles: 3, |
| GTIN (EAN) | 4008190174163 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 6/6 | Version |
| Order No. | 1062670000 | Cross-connector (terminal), when screwed in, Number of poles: 6, |
| GTIN (EAN) | 4008190261771 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 6/4 | Version |
| Order No. | 1054860000 | Cross-connector (terminal), when screwed in, Number of poles: 4, |
| GTIN (EAN) | 4008190180799 | Pitch in mm (P): 8.00, Insulated: Yes, 57 A, yellow |
| Qty. | 50 pc(s). | |

10 mm²

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | WQV 10/2 | Version |
| Order No. | 1052560000 | Cross-connector (terminal), when screwed in, Number of poles: 2, |
| GTIN (EAN) | 4008190154943 | Pitch in mm (P): 9.90, Insulated: Yes, 76 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 10/3 | Version |
| Order No. | 1054960000 | Cross-connector (terminal), when screwed in, Number of poles: 3, |
| GTIN (EAN) | 4008190079079 | Pitch in mm (P): 9.90, Insulated: Yes, 63 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 10/4 | Version |
| Order No. | 1055060000 | Cross-connector (terminal), when screwed in, Number of poles: 4, |
| GTIN (EAN) | 4008190188245 | Pitch in mm (P): 9.90, Insulated: Yes, 63 A, yellow |
| Qty. | 50 pc(s). | |
| Type | WQV 10/10 | Version |
| Order No. | 1052460000 | Cross-connector (terminal), when screwed in, Number of poles: 10, |
| GTIN (EAN) | 4008190152130 | Pitch in mm (P): 9.90, Insulated: Yes, 63 A, yellow |
| Qty. | 20 pc(s). | |

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

W-Series



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | WTA 3 WDU4 | Version |
| Order No. | 1632350000 | Test adapter (terminal), 1.5 mm ² , 250 V, 6 A |
| GTIN (EAN) | 4008190209711 | |
| Qty. | 25 pc(s). | |

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon[®] Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | BZT 1 WS 10/5 | Version |
| Order No. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 pc(s). | |

| | | |
|------------|----------------------------|----------------------------|
| Type | BZT 1 ZA WS 10/5 | Version |
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 pc(s). | |

WTD 6 SL/EN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

WS 12/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

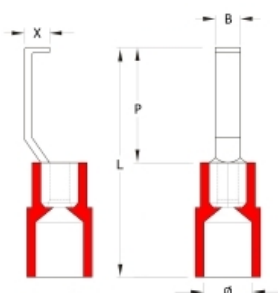
Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WS 12/5 MM WS | Version |
| Order No. | 2007190000 | WS, Terminal marker, 12 x 5 mm, Weidmueller, white |
| GTIN (EAN) | 4050118392036 | |
| Qty. | 800 pc(s). | |

Hook-type cable lugs



The use of insulated connectors guarantees users a permanent and consistent quality for their electrical connections.

In addition, they bring advantages during installation.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | HBT 1,5 - 4,6 RT | Version |
| Order No. | 1233340000 | cable lug, terminal end, Insulated cable connector, 0.5 mm² - 1.5 mm², red |
| GTIN (EAN) | 4050118210972 | |
| Qty. | 100 pc(s). | |
| Type | HBT 2,5 - 4,6 BL | Version |
| Order No. | 1233330000 | cable lug, terminal end, Insulated cable connector, 1.5 mm² - 2.5 mm², blue |
| GTIN (EAN) | 4050118016901 | |
| Qty. | 100 pc(s). | |

WTD 6 SL/EN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories**

| | | |
|------------|----------------------------|---|
| Type | HBT 6,0 - 4,6 GE | Version |
| Order No. | 1216230000 | cable lug, terminal end, Insulated cable connector, 4 mm² - 6 |
| GTIN (EAN) | 4050118000337 | mm², yellow |
| Qty. | 100 pc(s). | |