

WTD 6 SL O.STB**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.	1238920000
Type	WTD 6 SL O.STB
GTIN (EAN)	4050118032192
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	50 mm	Depth (inches)	1.969 inch
Depth including DIN rail	50.5 mm	Height	82.7 mm
Height (inches)	3.256 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	22.36 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 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 (additional connection)

Connection type, additional connection Screw connection

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 35	Standards	IEC 60947-7-1
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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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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	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

Approvals

Approvals



ROHS

Conform

Downloads

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

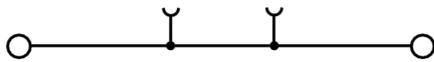
Data sheet

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Drawings



WTD 6 SL O.STB

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Accessories

10 mm²10
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 10/10	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).	
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 10/2	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).	

6 mm²6
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 6/10	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 6/2	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).	

WTD 6 SL O.STB

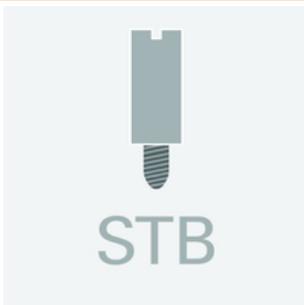
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Accessories

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 6/4	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).	

Testsockets



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	GWHUE M3 WTL6	Version
Order No.	1255010000	Connecting sleeve (terminal), Height: 6 mm, Width: 6 mm, Depth:
GTIN (EAN)	4050118075892	13.3 mm, Copper - zinc
Qty.	50 pc(s).	

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 12/6.5 MC NE WS	Version
Order No.	1609920000	WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203511	Weidmueller, Allen-Bradley, white
Qty.	540 pc(s).	

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Accessories

End plate



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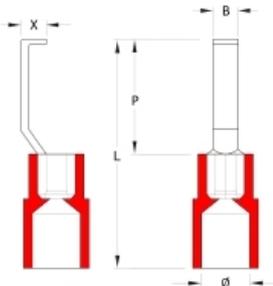
Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	WAP WTL6 SL 4-6	Version
Order No.	1238880000	End plate (terminals), 82.2 mm x 1.5 mm, dark beige
GTIN (EAN)	4050118045680	
Qty.	20 pc(s).	

Type	WAP WTL6 SL	Version
Order No.	9538110000	End plate (terminals), 82.2 mm x 1.5 mm, dark beige
GTIN (EAN)	4008190574994	
Qty.	20 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 6,0 - 4,6 GE	Version
Order No.	1216230000	cable lug, terminal end, Insulated cable connector, 4 mm ² - 6 mm ² , yellow
GTIN (EAN)	4050118000337	
Qty.	100 pc(s).	

Type	HBT 2,5 - 4,6 BL	Version
Order No.	1233330000	cable lug, terminal end, Insulated cable connector, 1.5 mm ² - 2.5 mm ² , blue
GTIN (EAN)	4050118016901	
Qty.	100 pc(s).	

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

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Accessories

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).	

W-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

Type	WTW EN	Version
Order No.	1058800000	Partition plate (terminal), Intermediate plate, 86 mm x 62 mm, dark
GTIN (EAN)	4008190140175	beige
Qty.	20 pc(s).	

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Accessories

WS 12/6.5



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 12/6.5 MM WS	Version	
Order No.	2619930000	WS, Terminal marker, 12 x 6.5 mm, Weidmueller, white	
GTIN (EAN)	4050118626155		
Qty.	600 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).		