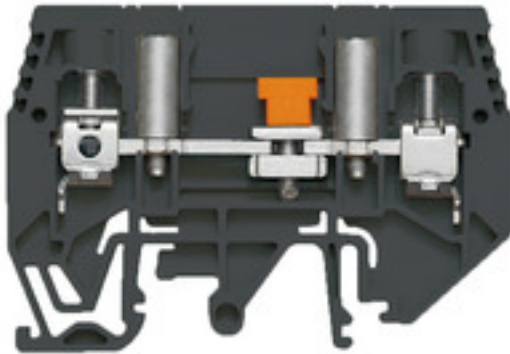


WTL 6/1 EN STB SW**Weidmüller Interface GmbH & Co. KG**

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, black, 6 mm ² , 41 A, 630 V, Number of connections: 2, Number of levels: 1, TS 32, TS 35, V-0, Wemid
Order No.	1062520000
Type	WTL 6/1 EN STB SW
GTIN (EAN)	4032248841127
Qty.	50 pc(s).

WTL 6/1 EN STB SW

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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
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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
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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		

WTL 6/1 EN STB SW

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Technical data

General

Rail	TS 32, TS 35
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Rating data

Rated cross-section	6 mm ²	Rated voltage	630 V
Rated DC 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	ETIM 9.0	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	ECLASS 13.0	27-25-01-09
ECLASS 14.0	27-25-01-09		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	0eb7d846-d0a1-43e5-93a4-d7c6856c4cda
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

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 UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	Storage Conditions Terminal Blocks
Catalogues	Catalogues in PDF-format

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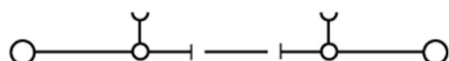
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Drawings



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Accessories

End plate



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

Type	WAP WTL6/1 EN	Version
Order No.	1957710000	End plate (terminals), dark beige, Height: 65 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4032248654024	Wemid
Qty.	20 pc(s).	
Type	WTW WTL6/1 DB	Version
Order No.	1068400000	Partition plate (terminal), dark beige, Height: 65 mm, Width: 1.5 mm,
GTIN (EAN)	4008190091996	V-0, Wemid
Qty.	20 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 6/3	Version
Order No.	1054760000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of
GTIN (EAN)	4008190174163	poles: 3, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm
Qty.	50 pc(s).	
Type	WQV 6/2	Version
Order No.	1052360000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of
GTIN (EAN)	4008190075866	poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm
Qty.	50 pc(s).	
Type	WQV 6/10	Version
Order No.	1052260000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of
GTIN (EAN)	4008190153977	poles: 10, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm
Qty.	20 pc(s).	
Type	WQV 6/4	Version
Order No.	1054860000	Cross-connector (terminal), when screwed in, yellow, 57 A, Number of
GTIN (EAN)	4008190180799	poles: 4, Pitch in mm (P): 8.00, Insulated: Yes, Width: 7.6 mm
Qty.	50 pc(s).	

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Accessories

Fixing screws



Fixing screws fix the short current bridge within the application. If the short current bridge is slid between two adjacent terminal blocks into the short circuit position, it can be fixed by means of a fastening screw. This ensures a permanent connection or short circuit.

General ordering data

Type	KISC M3X20 SAK10 CU5	Version
Order No.	0377100000	SAK Series, Mounting screw, Copper
GTIN (EAN)	4008190060350	
Qty.	100 pc(s).	

Test sockets



The test socket is used to connect test devices with a standard 4.0 plug. Depending on the potential within the application, different colors of the test sockets can be selected for quick and easy maintenance work.

General ordering data

Type	STB 36.8/IH/GE WTL6/1	Version
Order No.	1847760000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4032248379170	
Qty.	50 pc(s).	
Type	STB 36.8/IH/SW WTL6/1	Version
Order No.	1312550000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4050118181210	
Qty.	50 pc(s).	
Type	STB 21.6/45 SW	Version
Order No.	1936270000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248606009	
Qty.	50 pc(s).	
Type	STB 21.6/45 BL	Version
Order No.	1936290000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248606023	
Qty.	50 pc(s).	
Type	STB 21.6/45 GE	Version
Order No.	1936240000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248605972	
Qty.	50 pc(s).	

WTL 6/1 EN STB SW

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Accessories

Type	STB 21.6/45 GR	Version
Order No.	1936280000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248606016	
Qty.	50 pc(s).	
Type	STB 36.8/IH/GN WTL6/1	Version
Order No.	1847770000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4032248379163	
Qty.	50 pc(s).	
Type	STB 21.6/45 DB	Version
Order No.	1938790000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248612840	
Qty.	50 pc(s).	
Type	STB 36.8/IH/RT WTL6/1	Version
Order No.	1312540000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4050118180992	
Qty.	50 pc(s).	
Type	STB 36.8/IH/BL WTL6/1	Version
Order No.	1847790000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4032248379149	
Qty.	50 pc(s).	
Type	STB 21.6/45 GN	Version
Order No.	1936250000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248605989	
Qty.	50 pc(s).	
Type	STB 21.6/45 VI	Version
Order No.	1936260000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248605996	
Qty.	50 pc(s).	
Type	STB 36.8/IH/VI WTL6/1	Version
Order No.	1847780000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 39.8 mm
GTIN (EAN)	4032248379156	
Qty.	50 pc(s).	
Type	STB 21.6/45 RT	Version
Order No.	1936300000	Socket (terminal), Plug-in depth: 11.1 mm, Depth: 45 mm
GTIN (EAN)	4032248606030	
Qty.	50 pc(s).	

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Accessories

Shorting elements



The short current bridges are inserted into two instrument transformer wiring terminal blocks. By using the short-circuit bridge, the desired short-circuit could be realized within the application for maintenance work.

General ordering data

Type	WKS 2/4	Version
Order No.	1936160000	Accessories, Cross-connection slider, x 29.9
GTIN (EAN)	4032248605880	
Qty.	50 pc(s).	
Type	WKS 2/3	Version
Order No.	1936150000	Accessories, Cross-connection slider, x 22
GTIN (EAN)	4032248605873	
Qty.	50 pc(s).	
Type	WKS 2/2	Version
Order No.	1936140000	Accessories, Cross-connection slider, x 14.1
GTIN (EAN)	4032248605866	
Qty.	50 pc(s).	

Connection sleeves



General ordering data

Type	VH 16.1/5/3.4	Version
Order No.	0309700000	Connecting sleeve (terminal), when screwed in, Width: 5 mm, Height: 5 mm, Depth: 16.1 mm, Number of poles: 1, Cu Zn
GTIN (EAN)	4008190037024	
Qty.	50 pc(s).	

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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.

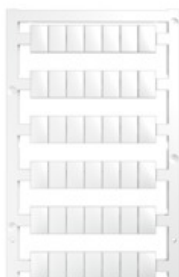
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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 5/8 MC NE WS	Version
Order No.	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Weidmueller, white
Qty.	800 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 12/8 PLUS MC NE WS	Version
Order No.	1906000000	WS, Terminal marker, 12 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528158	white
Qty.	420 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).	

DEK 5/8



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	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 pc(s).	