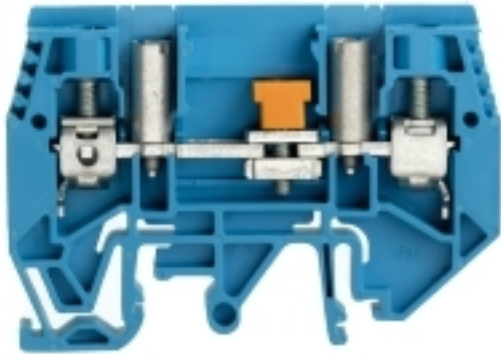


W-Series
WTL 6/1 EN STB BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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

Type	WTL 6/1 EN STB BL
Order No.	1019680000
Version	Test-disconnect terminal, Screw connection, 6 mm ² , 630 V, 41 A, sliding, blue
GTIN (EAN)	4032248757312
Qty.	50 pc(s).

Creation date May 1, 2020 6:44:21 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

W-Series
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Technical data**Dimensions and weights**

Width	7.9 mm	Width (inches)	0.311 inch
Height	68.5 mm	Height (inches)	2.697 inch
Depth	47.5 mm	Depth (inches)	1.87 inch
Depth including DIN rail	48.5 mm	Net weight	25.32 g

Temperatures

Operating temperature range, max.	120 °C	Operating temperature range, min.	-50 °C
Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Material data

Material	Wemid	Colour	blue
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	Yes
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

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		

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Technical data**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, min.	1.5 mm ²	Connection direction	on side
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	12 mm	Torque level with DMS electric screwdriver	3
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 20	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, finely stranded, 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		

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		

Rating data

Rated cross-section	6 mm ²	Rated 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	Rated impulse withstand voltage	6 kV
Pollution severity	3		

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	Wire cross section max. (UR)	8 AWG
Wire cross section min. (UR)	20 AWG		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-01

Data sheet**W-Series
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity

[CB Test Certificate](#)
[CB Certificate](#)
[DE_PT1004_20160418_989_ISSUE01.pdf](#)

Engineering Data

[EPLAN_WSCAD_Zuken E3.S](#)

Engineering Data

[STEP](#)

User Documentation

[StorageConditionsTerminalBlocks](#)**Safety note**

Safety notice

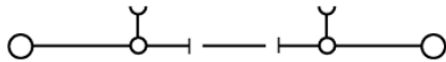
[Safety Information](#)

Data sheet

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Drawings



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Accessories
WQV 6

Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	WQV 6/10	Version
Order No.	1052260000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190153977	
Qty.	20 pc(s).	
Type	WQV 6/6	Version
Order No.	1062670000	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4008190261771	
Qty.	50 pc(s).	
Type	WQV 6/3	Version
Order No.	1054760000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190174163	
Qty.	50 pc(s).	
Type	WQV 6/5	Version
Order No.	1062660000	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190176914	
Qty.	50 pc(s).	
Type	WQV 6/7	Version
Order No.	1062680000	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190261788	
Qty.	50 pc(s).	
Type	WQV 6/4	Version
Order No.	1054860000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190180799	
Qty.	50 pc(s).	
Type	WQV 6/2	Version
Order No.	1052360000	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190075866	
Qty.	50 pc(s).	

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Accessories

Shorting plug



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	QS 2/8/4	Version
Order No.	0270960000	SAK Series, Short-circuit plug, For the terminals, Number of poles: 2
GTIN (EAN)	4008190077006	
Qty.	20 pc(s).	

End brackets



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	WEW 35/2	Version
Order No.	1061200000	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	

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WTL 6/1 EN STB BL**

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Accessories

Shorting bridge



Current and voltage transformer wiring

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General ordering data

Type	WKB 1/10	Version
Order No.	1604330000	Accessories, Cross-connection slider, Cross-connector accessories,
GTIN (EAN)	4008190129576	Number of poles: 10
Qty.	20 pc(s).	
Type	WKB 1/3	Version
Order No.	1604300000	Accessories, Cross-connection slider, Cross-connector accessories,
GTIN (EAN)	4008190010225	Number of poles: 3
Qty.	50 pc(s).	
Type	WKB 1/2	Version
Order No.	1604280000	Accessories, Cross-connection slider, Cross-connector accessories,
GTIN (EAN)	4008190165338	Number of poles: 2
Qty.	50 pc(s).	
Type	WKB 1/4	Version
Order No.	1604320000	Accessories, Cross-connection slider, Cross-connector accessories,
GTIN (EAN)	4008190023713	Number of poles: 4
Qty.	50 pc(s).	

Fixing screws



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	BS 25 IH/SW SAKT1	Version
Order No.	0335200000	SAK Series, Set of fixings
GTIN (EAN)	4008190114039	
Qty.	50 pc(s).	
Type	BS 25 IH/VI SAKT1	Version
Order No.	0335800000	SAK Series, Set of fixings
GTIN (EAN)	4008190039196	
Qty.	50 pc(s).	

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Accessories

Type	BS 25 IH/BL SAKT1	Version
Order No.	0335400000	SAK Series, Set of fixings
GTIN (EAN)	4008190086879	
Qty.	50 pc(s).	
Type	BS 25 IH/RT SAKT1	Version
Order No.	0335500000	SAK Series, Set of fixings
GTIN (EAN)	4008190118877	
Qty.	50 pc(s).	
Type	BS 25 O.IH SAKT1	Version
Order No.	0334700000	SAK Series, Set of fixings
GTIN (EAN)	4008190118839	
Qty.	50 pc(s).	
Type	BS 25 IH/GR SAKT1	Version
Order No.	0335300000	SAK Series, Set of fixings
GTIN (EAN)	4008190136864	
Qty.	50 pc(s).	
Type	BS 25 IH/GN SAKT1	Version
Order No.	0335600000	SAK Series, Set of fixings
GTIN (EAN)	4008190113490	
Qty.	50 pc(s).	
Type	BS 25 IH/GE SAKT1	Version
Order No.	0335700000	SAK Series, Set of fixings
GTIN (EAN)	4008190189235	
Qty.	50 pc(s).	

Small partition



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

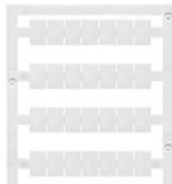
Type	TSCH 2	Version
Order No.	0353660000	SAK Series, Small partition, beige, 0.6 mm
GTIN (EAN)	4008190128432	
Qty.	100 pc(s).	

W-Series WTL 6/1 EN STB BL

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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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo 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).		

End plates



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	WTW WTL6/1 DB	Version	
Order No.	1068400000	W-Series, Separation plate	
GTIN (EAN)	4008190091996		
Qty.	20 pc(s).		
Type	WAP WTL6/1 EN	Version	
Order No.	1957710000	W-Series, End plate	
GTIN (EAN)	4032248654024		
Qty.	20 pc(s).		

W-Series WTL 6/1 EN STB BL

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Accessories

Shorting link



Current and voltage transformer wiring

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General ordering data

Type	WKS 1/4	Version
Order No.	1604310000	Accessories, Cross-connection slider, Cross-connector accessories,
GTIN (EAN)	4008190886851	Number of poles: 4
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).	
Type	WKS 2/3	Version
Order No.	1936150000	Accessories, Cross-connection slider, x 22
GTIN (EAN)	4032248605873	
Qty.	50 pc(s).	
Type	WKS 1/3	Version
Order No.	1604290000	Accessories, Cross-connection slider, Cross-connector accessories,
GTIN (EAN)	4008190164027	Number of poles: 3
Qty.	50 pc(s).	
Type	WKS 2/4	Version
Order No.	1936160000	Accessories, Cross-connection slider, x 29.9
GTIN (EAN)	4032248605880	
Qty.	50 pc(s).	
Type	WKS 1/2	Version
Order No.	1604270000	Accessories, Cross-connection slider, Cross-connector accessories,
GTIN (EAN)	4008190863432	Number of poles: 2
Qty.	50 pc(s).	

Data sheet

**W-Series
WTL 6/1 EN STB BL**

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Accessories

Switch lock



Current and voltage transformer wiring

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General ordering data

Type	SSP 3 SAKT1	Version
Order No.	0531760000	SAK Series, Lockout device
GTIN (EAN)	4008190130787	
Qty.	100 pc(s).	

Connection sleeves



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

VH 12/4.9/3.3 024900

General ordering data

Type	VH 16/5/3.5 SAK10-35	Version
Order No.	0309700000	SAK Series, Connecting sleeve, for cross-connection link, Number of
GTIN (EAN)	4008190037024	poles:
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).	

Test sockets



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	STB 21.6/IH/GN WTL6/3	Version
Order No.	1071020000	Accessories, Socket
GTIN (EAN)	4008190259228	
Qty.	50 pc(s).	
Type	STB 21.6/45 RT	Version
Order No.	1936300000	Accessories, Socket
GTIN (EAN)	4032248606030	
Qty.	50 pc(s).	
Type	STB 36.8/IH/GE WTL6/1	Version
Order No.	1847760000	Accessories, Socket
GTIN (EAN)	4032248379170	
Qty.	50 pc(s).	

W-Series
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Accessories

Type	STB 21.6/IH/GE WTL6/3	Version
Order No.	1071010000	Accessories, Socket
GTIN (EAN)	4008190259211	
Qty.	50 pc(s).	
Type	STB 21.6/IH/WS WTL6/3	Version
Order No.	1312520000	Accessories, Socket
GTIN (EAN)	4050118121704	
Qty.	50 pc(s).	
Type	STB 36.8/IH/GN WTL6/1	Version
Order No.	1847770000	Accessories, Socket
GTIN (EAN)	4032248379163	
Qty.	50 pc(s).	
Type	STB 21.6/IH/DB WTL6/3	Version
Order No.	1071000000	Accessories, Socket
GTIN (EAN)	4008190259204	
Qty.	50 pc(s).	
Type	STB 36.8/IH/RT WTL6/1	Version
Order No.	1312540000	Accessories, Socket
GTIN (EAN)	4050118180992	
Qty.	50 pc(s).	
Type	STB 21.6/IH/VI WTL6/3	Version
Order No.	1071030000	Accessories, Socket
GTIN (EAN)	4008190259235	
Qty.	50 pc(s).	
Type	STB 36.8/IH/SW WTL6/1	Version
Order No.	1312550000	Accessories, Socket
GTIN (EAN)	4050118181210	
Qty.	50 pc(s).	
Type	STB 36.8/IH/VI WTL6/1	Version
Order No.	1847780000	Accessories, Socket
GTIN (EAN)	4032248379156	
Qty.	50 pc(s).	
Type	STB 36.8/IH/BL WTL6/1	Version
Order No.	1847790000	Accessories, Socket
GTIN (EAN)	4032248379149	
Qty.	50 pc(s).	
Type	STB 21.6/45 SW	Version
Order No.	1936270000	Accessories, Socket
GTIN (EAN)	4032248606009	
Qty.	50 pc(s).	
Type	STB 21.6/45 GR	Version
Order No.	1936280000	Accessories, Socket
GTIN (EAN)	4032248606016	
Qty.	50 pc(s).	
Type	STB 36.8/IH/DB WTL6/1	Version
Order No.	1847740000	Accessories, Socket
GTIN (EAN)	4032248379187	
Qty.	50 pc(s).	
Type	STB 21.6/IH/BL WTL6/3	Version
Order No.	1071080000	Accessories, Socket
GTIN (EAN)	4008190043957	
Qty.	50 pc(s).	

Creation date May 1, 2020 6:44:21 AM CEST

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Accessories

Type	STB 21.6/45 GE	Version
Order No.	1936240000	Accessories, Socket
GTIN (EAN)	4032248605972	
Qty.	50 pc(s).	
Type	STB 21.6/45 BL	Version
Order No.	1936290000	Accessories, Socket
GTIN (EAN)	4032248606023	
Qty.	50 pc(s).	
Type	STB 21.6/45 DB	Version
Order No.	1938790000	Accessories, Socket
GTIN (EAN)	4032248612840	
Qty.	50 pc(s).	
Type	STB 21.6/45 VI	Version
Order No.	1936260000	Accessories, Socket
GTIN (EAN)	4032248605996	
Qty.	50 pc(s).	
Type	STB 36.8/IH/WS WTL6/1	Version
Order No.	1312560000	Accessories, Socket
GTIN (EAN)	4050118181203	
Qty.	50 pc(s).	
Type	STB 21.6/IH/SW WTL6/3	Version
Order No.	1071040000	Accessories, Socket
GTIN (EAN)	4008190859985	
Qty.	50 pc(s).	
Type	STB 21.6/45 GN	Version
Order No.	1936250000	Accessories, Socket
GTIN (EAN)	4032248605989	
Qty.	50 pc(s).	