

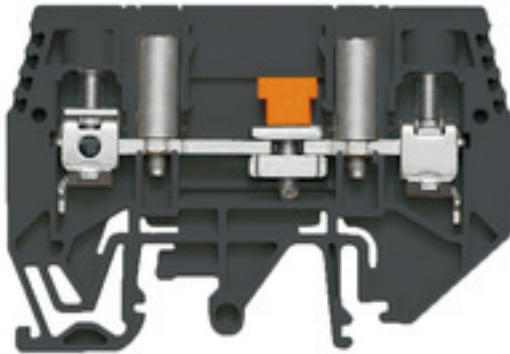
WTL 6/1 EN STB SW**Weidmüller Interface GmbH & Co. KG**

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).

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	Net weight	25.28 g
Width	7.9 mm	Width (inches)	0.311 inch

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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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General

Rail	TS 32, TS 35
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Creation date March 22, 2021 10:02:07 PM CET

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Technical data

Rating data

Power loss in accordance with IEC 60947-7-x

1.31 W

Rated cross-section

6 mm²

Rated voltage

630 V

Rated current

41 A

Volume resistance according to IEC 60947-7-x

0.78 mΩ

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

UL_current_Print

45 A

UL_voltage_Print

300 V

UL_wire_min_Print

20 AWG

Voltage size B (UR)

300 V

Voltage size C (UR)

300 V

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

ECLASS 11.0

27-14-11-26

Approvals

Approvals



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Conform

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Engineering Data

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Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

[StorageConditionsTerminalBlocks](#)