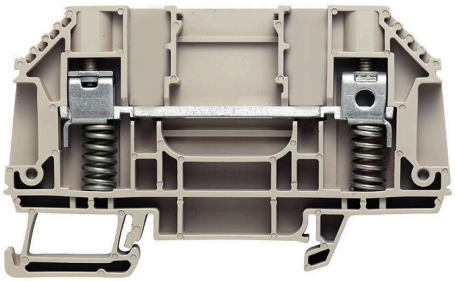
Data sheet

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, dark beige, 6 mm², 41 A, 630 V, Number of connections: 2
Order No.	1238920000
Type	WTD 6 SL O.STB
GTIN (EAN)	4050118032192
Qty.	50 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	50 mm	Depth (inches)	1.9685 inch
Depth including DIN rail	50.5 mm	Height	82.7 mm
Height (inches)	3.2559 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	19.68 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic 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
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 10
Connection direction	on side	Tightening torque, max.	1.6 Nm

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Tightening torque, min.	0.8 Nm	Stripping length	16 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	6 mm²	Clamping range, min.	0.5 mm²
Clamping screw	M 3.5	Blade size	0.8 x 4.0 mm
Wire connection cross section AWG, min.	AWG 20	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded, max.	6 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Connection cross-section, stranded, max.	6 mm²
Connection cross-section, stranded, min.	0.5 mm²	Wire connection cross-section, solid core, max.	6 mm²
Wire connection cross-section, solid core, min.	0.5 mm²	Connection cross-section, finely stranded (rated connection), min.	0.5 mm²

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 20
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	6 mm²	Rated voltage	630 V
Rated DC voltage	630 V	Nominal current	41 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Volume resistance	0.78 mΩ	Power loss in accordance with IEC 60947-7-x	1.31 W
Surge voltage category	III	Pollution severity	2

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

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Drawings

