W-Series
WTL 35/2STB

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
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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 35/2STB
Order No.	1925030000
Version	Test-disconnect terminal, Screw connection, 35 mm², 500 V, 125 A, sliding, Dark Beige
GTIN (EAN)	4032248566136
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Width	16 mm	Width (inches)	0.63 inch
Height	100 mm	Height (inches)	3.937 inch
Depth	67.5 mm	Depth (inches)	2.657 inch
Weight	116 g	Net weight	110.22 g

Temperatures

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	Dark Beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Disconnection element, with sockets, closed	Tightening torque (separating screw)	1.7...2.4 Nm
End cover plate required	No	Number of potentials	1
Number of levels	1	No. 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	Yes		

Additional technical data

Number of similar terminals	1	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	6.5 x 1.2 mm	Clamping range, max.	35 mm²
Clamping range, min.	4 mm²	Clamping screw	M 6
Connection cross-section, stranded, max.	35 mm²	Connection cross-section, stranded, min.	10 mm²
Connection direction	on side	Gauge to IEC 60947-1	B9
Number of connections	2	Stripping length	18 mm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	35 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm²
Wire connection cross-section, finely stranded, min.	4 mm²	Wire connection cross-section, solid core, max.	16 mm²
Wire connection cross-section, solid core, min.	4 mm²		

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Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	sliding	Torque max. screw separator	2.4 Nm
Torque min. screw separator	1.7 Nm		

Rating data

Rated cross-section	35 mm²	Rated voltage	500 V
Rated current	125 A	Current at maximum wires	125 A
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

Classifications

ETIM 3.0	EC000902	ETIM 4.0	EC000902
ETIM 5.0	EC000902	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-26
eClass 6.2	27-14-11-26	eClass 7.1	27-14-11-26
eClass 8.1	27-14-11-26	eClass 9.0	27-14-11-26
eClass 9.1	27-14-11-26		

Product information

Descriptive text technical data	The tightening torque for 16 - 50 mm² stranded conductors is 4.5 Nm.

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1004_20160418_977_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP

Safety note

Safety notice	Safety Information

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