

WTL 35/1STB**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	Measuring transformer disconnect terminal, Screw connection, 500, 125, 2
Order No.	1925060000
Type	WTL 35/1STB
GTIN (EAN)	4032248566167
Qty.	10 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	67.5 mm	Depth (inches)	2.6575 inch
Height	100 mm	Height (inches)	3.937 inch
Width	16 mm	Width (inches)	0.6299 inch
Net weight	96.45 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Spacer, With sockets, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
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
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Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B9	Wire connection cross section AWG, max.	AWG 2
Connection direction	on side	Stripping length	18 mm

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Type of connection	Screw connection	Number of connections	2
Clamping range, max.	35 mm ²	Clamping range, min.	4 mm ²
Clamping screw	M 6	Blade size	1.2 x 6.5 mm
Wire connection cross section AWG, min.	AWG 12	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	4 mm ²	Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross section, finely stranded, min.	4 mm ²	Connection cross-section, stranded, max.	35 mm ²
Connection cross-section, stranded, min.	4 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	4 mm ²		

Dimensions

TS 35 offset	50 mm
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General

Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12
Mounting rail	TS 35		

Rating data

Rated cross-section	35 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal 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	Power loss in accordance with IEC 60947-7-x	4.00 W
Pollution severity	3		

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		

Drawings

