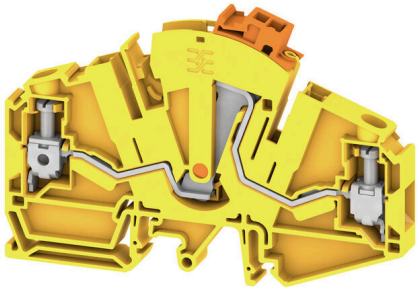
Data sheet

WTTB 6 YL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



In T&D applications, current and voltage transformers are mainly used for protection and measurement functions. Our TTB range of Klippon® Connect instrument transformer terminal blocks have been designed to meet all the connection requirements of these two critical applications. The wiring of current and voltage transformers can be carried out particularly easily and safely with the new terminal block series – even within complex circuits. The prevention of operating errors during operation increases plant availability and extends the life cycle of the entire control cabinet. Thus, the respective requirements of the end user are fulfilled to the highest degree.

General ordering data

Version	Measuring transformer disconnect terminal, Screw connection, 500, 30, 2
Order No.	2926540000
Type	WTTB 6 YL
GTIN (EAN)	4099986647916
Qty.	50 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	69 mm	Depth (inches)	2.7165 inch
Height	100 mm	Height (inches)	3.937 inch
Width	8.1 mm	Width (inches)	0.3189 inch
Net weight	32.17 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

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
Mounting rail	TS 35, TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Snap-on	Yes
Explosion-tested version	No	Type of mounting	TS 35, TS 32

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A4	Wire connection cross section AWG, max.	AWG 8
Connection direction	on side	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Stripping length	12 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	10 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 22	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

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	10 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Connection cross-section, stranded, max.	10 mm²
Connection cross-section, stranded, min.	0.5 mm²	Wire connection cross-section, solid core, max.	10 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-1	Mounting rail	TS 35, TS 32

Rating data

Rated cross-section	6 mm²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	30 A
Current at maximum wires	30 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Surge voltage category	III
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		

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Drawings