

**HTTB 6****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	Test-disconnect terminal, Hybrid connection, 6 mm <sup>2</sup> , 500 V, 30 A, dark beige
Order No.	<a href="#">2710110000</a>
Type	HTTB 6
GTIN (EAN)	4064675021131
Qty.	50 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

Depth	68 mm	Depth (inches)	2.6772 inch
Height	100 mm	Height (inches)	3.937 inch
Width	8.1 mm	Width (inches)	0.3189 inch
Net weight	31.59 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	dark beige
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
Type of mounting	Snap-on		

## CSA rating data

Wire cross section max. (CSA)	8 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	29 A	Certificate No. (CSA)	200039-80099474
Voltage size B (CSA)	600 V	Current size B (CSA)	29 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	22 AWG		

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

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### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A4	Wire connection cross section AWG, max.	AWG 8
Connection direction	on side, top	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Stripping length	12 mm
Type of connection 2	Screw connection	Type of connection	Hybrid connection
Number of connections	2	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	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 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	10 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

### 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 mm <sup>2</sup>	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		

### UL rating data

Conductor size Factory wiring max. (cURus)	8 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	22 AWG	Conductor size Factory wiring min. (cURus)	22 AWG
Conductor size Field wiring max. (cURus)	8 AWG		

### 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

