

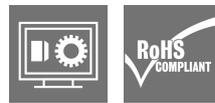
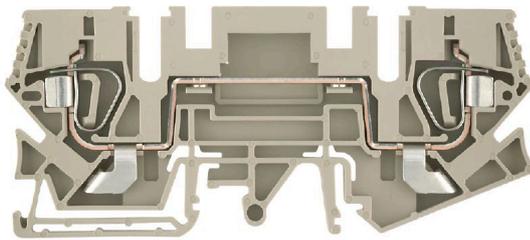
**ZTD 6****Weidmüller Interface GmbH & Co. KG**

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	Plug-in modular terminals, Tension-clamp connection, 6 mm <sup>2</sup> , 800 V, 41 A, without, dark beige
Order No.	<a href="#">1771810000</a>
Type	ZTD 6
GTIN (EAN)	4032248126637
Qty.	20 items

## ZTD 6

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.8307 inch
Depth including DIN rail	48 mm	Height	106 mm
Height (inches)	4.1732 inch	Width	8 mm
Width (inches)	0.315 inch	Net weight	30.1 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 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	Tension-clamp connection, for plug-in cross-connector, 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, TS 32	N-function	No
PE function	No	PEN function	No

## Additional technical data

Open sides	right	Installation advice	Direct mounting
Explosion-tested version	No	Type of mounting	Snap-on

## CSA rating data

Wire cross section max. (CSA)	8 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	33 A	Certificate No. (CSA)	200039-1152892
Voltage size B (CSA)	300 V	Current size B (CSA)	33 A
Wire cross section min. (CSA)	20 AWG		

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## Technical data

## Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm <sup>2</sup>	Connection type, additional connection	Tension-clamp connection
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## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	top	Stripping length	13 mm
Type of connection	Tension-clamp 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 20
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.	6 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.	6 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	6 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>
Connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>		

## Dimensions

TS 32 offset	54.5 mm
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## General

Wire connection cross section AWG, max.	AWG 8	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 20	Standards	IEC 60947-7-1
Mounting rail	TS 35, TS 32		

## Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	41 A
Current at maximum wires	52 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3

## UL rating data

Conductor size Factory wiring max. (UR)	8 AWG	Current size C (UR)	33 A
Voltage size C (UR)	300 V	Conductor size Factory wiring min. (UR)	20 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	20 AWG
Conductor size Field wiring max. (UR)	8 AWG		

## Technical data

### 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		

**Drawings**

