

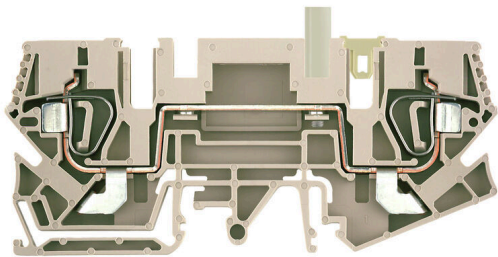
ZTD 6/STB**Weidmüller Interface GmbH & Co. KG**

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 ² , 800 V, 41 A, without, dark beige
Order No.	1771960000
Type	ZTD 6/STB
GTIN (EAN)	4032248127306
Qty.	20 items

ZTD 6/STB

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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	29.35 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	a4720f28-c1be-43c4-a115-55415c294bda

Material data

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

System specifications

Version	Tension-clamp connection, With sockets, 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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Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 6 mm²

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 ²	Clamping range, min.	0.5 mm ²
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 ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 32 offset 54.5 mm

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 ²	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

