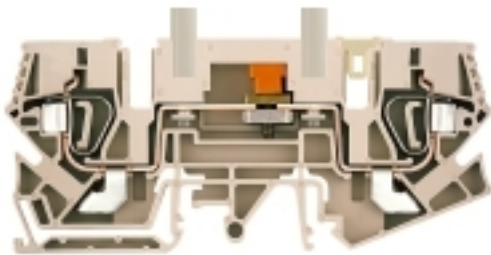


Data sheet

Z-series ZTL 6/STB

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 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

Type	ZTL 6/STB
Order No.	1771950000
Version	Test-disconnect terminal, Tension-clamp connection, 6 mm ² , 400, 41 A, sliding, dark beige
GTIN (EAN)	4032248127290
Qty.	20 pc(s).

Creation date 22 April 2020 14:56:29 CEST

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Technical data

Dimensions and weights

Width	8 mm	Width (inches)	0.315 inch
Height	106 mm	Height (inches)	4.173 inch
Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	48 mm	Net weight	34.864 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, Spacer, 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
Rail	TS 35, TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

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

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm ²
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Technical data

Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	13 mm	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.5 Nm	Type of connection	Tension-clamp connection
Wire connection cross section, finely stranded, max.	6 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 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, min.	0.5 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
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Disconnect terminals

Cross-disconnect	pluggable	Integral test socket	Yes
Slitting	sliding		

Rating data

Rated cross-section	6 mm ²	Rated voltage	400
Rated 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
Power loss in accordance with IEC 60947-7-x	1.31 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

UL rating data

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

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
eClass 9.0	27-14-11-26	eClass 9.1	27-14-11-26
eClass 10.0	27-14-11-26	UNSPSC	30-21-18-11

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	CB Test Certificate CB Certificate DE_PT1104_20160418_1479_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD_Zuken E3.S
Engineering Data	STEP
User Documentation	Beipackzettel_ZTL6.pdf StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

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