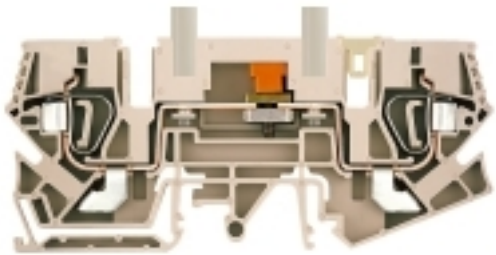


**Z terminal with tension spring connection
ZTL 6/STB**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



The ZTL and ZTD terminal blocks for energy supply and power generation
The ZTD – the feed-through terminal, combined with ZTL, the terminal with a longitudinal isolator – offers you as power supplier the ideal solution for measuring, testing and replacing counters.

General ordering data

Type	ZTL 6/STB
Order No.	1771950000
GTIN (EAN)	4032248127290
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Width	8 mm	Height	106 mm
Height of lowest version	48 mm	Depth	46.5 mm
Net weight	34.864 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on
Version	Tension-clamp connection, Disconnection element, with sockets, for plug-in cross-connector, One end without connector		

CSA ratings data

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

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm ²
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Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	13 mm
Blade size	0.8 x 4.0 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	10 mm ²	Tightening torque, min.	0.5 Nm
Tightening torque, max.	0.6 Nm	Gauge to IEC 60947-1	A5
Wire connection cross section, solid core, min. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	6 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	6 mm ²

Dimensions

TS 32 offset	54.5 mm
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Technical data
Disconnect terminals

Cross-disconnect	pluggable	Integral test socket	Yes
Slitting	sliding	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.5 Nm		

Rated data

Rated cross-section	6 mm ²	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	41 A
Current at maximum wires	52 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

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

Material data

Insulating material	Wemid	Material	Wemid
Colour	Dark Beige	UL 94 flammability rating	V-0

System specifications

Product family	Z terminal with tension spring connection	Type of connection	Tension clamp connection
Connection direction	top	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35, TS 32
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000902	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-26	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

Product information

Descriptive text technical data	400V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnection element with screw = 0.5 - 0.6 Nm
Descriptive text accessories	Pluggable marker holder for additional marking tags above the cross-connector channel (BZT ZTL 6).

Approvals

Approvals



ROHS Conform