

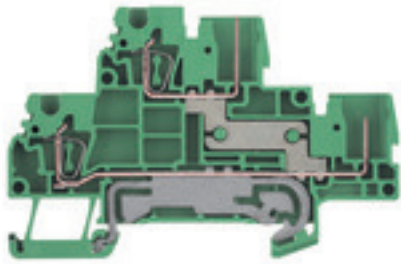
**ZDT 2.5/2 PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

**General ordering data**

Version	Z-series, Double-tier terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension-clamp connection, Green/yellow
Order No.	<a href="#">1815 170000</a>
Type	ZDT 2.5/2 PE
GTIN (EAN)	4032248340798
Qty.	50 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Depth	52 mm	Depth (inches)	2.047 inch
Depth including DIN rail	52.5 mm	Height	80.5 mm
Height (inches)	3.169 inch	Net weight	17.96 g
Width	5.1 mm	Width (inches)	0.201 inch

**Temperatures**

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

**Material data**

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

**System specifications**

Version	2 tension-clamp connections - 2 plug-in connections, pluggable, With PE connection	End cover plate required	Yes
Number of levels	2	Number of clamping points per level	4
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35		

**Additional technical data**

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

**CSA rating data**

Certificate number (cCSAus)	154685-1460993	Current size C (cCSAus)	20 A
Current size D (cCSAus)	5 A	Voltage size C (cCSAus)	300 V
Voltage size D (cCSAus)	600 V	Wire cross section max. (cCSAusX)	12 AWG
Wire cross section min. (cCSAusX)	26 AWG		

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm <sup>2</sup>
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## Technical data

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	4
Stripping length	10 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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 with wire-end ferrules DIN 46228/4, max.	2.5 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, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

## General

Rail	TS 35	Standards	IEC 61984, In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

## Rating data

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	500 V	Rated voltage to adjoining terminal	500 V
Max. voltage of clamp support & pluggable system	690 V	Rated current	24 A
Standards	IEC 61984, In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage to adjacent terminal	6 kV	Pollution severity	3

## UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	UL_wire_max_Print	12 AWG
UL_wire_min_Print	26 AWG		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

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**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS Conform  
 UL File Number Search E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DNVGL certificate</a> <a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Product Change Notification	<a href="#">PCN_ZPE_Q2_2021 - EN</a> <a href="#">PCN_ZPE_Q2_2021 - DE</a> <a href="#">Product Change Notification ZPE Q1/2022 DE</a> <a href="#">Product Change Notification Q1/2022 EN</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

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**Drawings**

