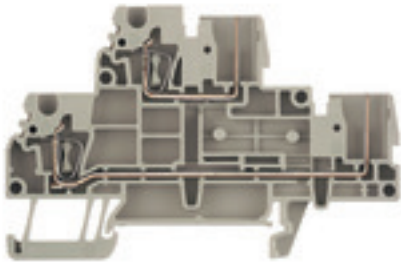


**Z-series  
ZDT 2.5/2**

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

Type	ZDT 2.5/2
Order No.	<a href="#">1815150000</a>
Version	Z-series, Double-tier terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension-clamp connection, dark beige
GTIN (EAN)	4032248340774
Qty.	50 pc(s).

## Data sheet

### Z-series ZDT 2.5/2

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## Technical data

### Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	80.5 mm	Height (inches)	3.169 inch
Depth	52 mm	Depth (inches)	2.047 inch
Depth including DIN rail	52.5 mm	Net weight	9.67 g

### Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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### Material data

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

### System specifications

Version	2 tension-clamp connections - 2 plug-in connections, pluggable	End cover plate required	Yes
Number of levels	2	No. of clamping points per level	4
Levels cross-connected internally	No	PE connection	No
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, finely stranded, 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>

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Max. voltage of clamp support & pluggable system	690 V	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 61984, In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	2.66 mΩ	Rated impulse withstand voltage	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	Current size C (cURus)	20 A
Current size D (cURus)	5 A	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

**Classifications**

ETIM 3.0	EC000897	ETIM 4.0	EC000902
ETIM 5.0	EC000902	ETIM 6.0	EC000897
UNSPSC	30-21-18-01	eClass 5.1	27-14-11-18
eClass 6.2	27-14-11-26	eClass 7.1	27-14-11-26
eClass 8.1	27-14-11-26	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

**Approvals**

Approvals



ROHS

Conform

Creation date 29 April 2019 12:01:44 CEST

Catalogue status 12.04.2019 / We reserve the right to make technical changes.

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**Data sheet****Z-series  
ZDT 2.5/2****Weidmüller Interface GmbH & Co. KG**  
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www.weidmueller.com**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1131_20160418_1134_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
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**Drawings**

