

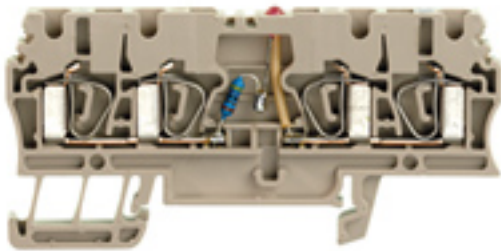
**ZDU 2.5/2X2AN/LD-****Weidmüller Interface GmbH & Co. KG**

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, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension-clamp connection, dark beige
Order No.	<a href="#">1692600000</a>
Type	ZDU 2.5/2X2AN/LD-
GTIN (EAN)	4008190869298
Qty.	20 pc(s).

Creation date March 24, 2021 8:31:26 PM CET

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

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

Depth	38.5 mm	Depth (inches)	1.516 inch
Depth including DIN rail	39.5 mm	Height	79.5 mm
Height (inches)	3.13 inch	Net weight	13.45 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	Tension-clamp connection, with LED, 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	Yes	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Electronic component	red LED	Explosion-tested version	Yes
Open sides	right	Type of mounting	Snap-on

**Component**

Component LED	Colour	red
	Voltage, min.	6 V
	Voltage, max.	24 V
	Current	20 mA
Component resistor	Resistance	4.7 kOhm
	Power loss	0.4 W
	Tolerance (%)	1 %

**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.	0.05 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	4
Stripping length	10 mm	Type of connection	Tension-clamp connection
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.	1.5 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>		

**Display element**

Current	0.05 A	Indicator element	red
Operating voltage for display, max.	24 V	Operating voltage for display, min.	10 V
Type of voltage for indicator	DC		

**General**

Rail	TS 35	Standards	IEC 60947-7-1
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**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	24 V	Rated current	0.05 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	2.66 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

**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

**Important note**

Product information The allowed continuous operating temperature must be observed

**Approvals**

Approvals



ROHS Conform

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC 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>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

**Data sheet**

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**Drawings**

