

**Z-series
ZDU 2.5/2X2AN/D-**

Weidmüller Interface GmbH & Co. KG
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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	ZDU 2.5/2X2AN/D-
Order No.	1650350000
Version	Z-series, Component terminal, Feed-through terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection, beige
GTIN (EAN)	4008190297404
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Width	5.1 mm	Width (inches)	0.201 inch
Height	79.5 mm	Height (inches)	3.13 inch
Depth	38.5 mm	Depth (inches)	1.516 inch
Depth including DIN rail	39.5 mm	Net weight	13.5 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		

Material data

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

System specifications

Version	Tension-clamp connection, with diode, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	4	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²	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 ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

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Data sheet

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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated current	1 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 3.0	EC000903	ETIM 4.0	EC000903
ETIM 5.0	EC000903	ETIM 6.0	EC000903
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-27
eClass 6.2	27-14-11-27	eClass 7.1	27-14-11-27
eClass 8.1	27-14-11-27	eClass 9.0	27-14-11-27
eClass 9.1	27-14-11-47		

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	DE_PT1181_20160418_1192_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

