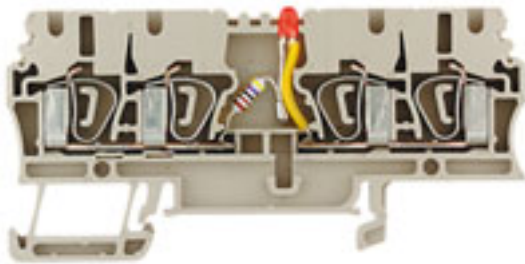


**Z terminal with electronic components
ZDU 2.5/2X2AN/LD+**

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



Modular terminals with diodes, LEDs, resistors and varistors solve a multitude of circuitry requirements. Electronic components can be integrated into the following versions:

General ordering data

Type	ZDU 2.5/2X2AN/LD+
Order No.	1692590000
Version	Z terminal with electronic components, Feed-through terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, Dark Beige
GTIN (EAN)	4008190869304
Qty.	20 pc(s).

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Technische Daten
Dimensions and weights

Length	79.5 mm	Width	5.1 mm
Height of lowest version	39.5 mm	Net weight	13.5 g

Temperatures

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

Additional technical data

Electronic component	red LED	Explosion-tested version	Yes
Open sides	right	Type of mounting	Snap-on
Version	Tension-clamp connection, with LED, One end without connector		

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.	2.5 mm ²
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Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Number of connections	4	Clamping range, rated connection, min.	0.05 mm ²
Clamping range, rated connection, max.	4 mm ²	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, finely stranded, max.	4 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.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	24 V
Rated impulse withstand voltage	6 kV	Rated current	0.05 A
Standards	IEC 60947-7-1	Pollution severity	3

Material data

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

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Technische Daten

System specifications

Product family	Z terminal with electronic components	Type of connection	Tension clamp connection
Connection direction	top	Number of levels	1
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

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		

Fuse terminals

Current	0.05 A	Display	LED
Type of voltage for indicator	DC		

Classifications

ETIM 3.0	EC000898	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-31	eClass 6.2	27-14-11-90
eClass 7.1	27-14-11-90		

Approvals

Approvals



ROHS Conform