

**Z terminal with electronic components
ZDU 2.5/2X2AN/D+****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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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/D+
Order No.	1650340000
Version	Z terminal with electronic components, Component terminal, Feed-through terminal, Rated cross-section: 2.5 mm², Tension clamp connection, Wemid, Beige
GTIN (EAN)	4008190297398
Qty.	20 pc(s).

Z terminal with electronic components ZDU 2.5/2X2AN/D+

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Technische Daten

Dimensions and weights

Length	79.5 mm	Width	5.1 mm
Height	38.5 mm	Height of lowest version	39.5 mm
Net weight	10.66 g		

Temperatures

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

Additional technical data

Electronic component	Diode	Explosion-tested version	Yes
Open sides	right	Type of mounting	Snap-on
Version	Tension-clamp connection, with diode, 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.	0.5 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	400 V
Rated impulse withstand voltage	6 kV	Rated current	1 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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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	4
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	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		

Product information

Descriptive text ordering data Soldered diode: Type 1N 4007, reverse voltage 1000 V, current 1 A

Approvals

Approvals



ROHS Conform