

**Z terminal with electronic components
ZDU 2.5-2/D+**

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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 2.5-2/D+
Order No.	1779110000
Version	Z terminal with electronic components, Component terminal, Feed-through terminal, Rated cross-section: 2.5 mm², Tension clamp connection, Wemid, Dark Beige
GTIN (EAN)	4032248184712
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	50.5 mm	Width	5.1 mm
Height	43.5 mm	Height of lowest version	44 mm
Net weight	6 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, for plug-in cross-connector, One end without connector		

CSA ratings data

Certificate No. (CSA)	200039-1 194786	Voltage size C (CSA)	600 V
Current size C (CSA)	1 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

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.	1.5 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	2	Clamping range, rated connection, min.	0.05 mm ²
Clamping range, rated connection, max.	2.5 mm ²	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	2.5 mm ²
Wire connection cross section, finely stranded, max.	2.5 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.	1.5 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.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 14

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

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Technische Daten**UL ratings data**

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	1 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

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

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	2	No. of clamping points per level	2
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
Descriptive text technical data	2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Approvals

Approvals



ROHS	Conform
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