

**Z terminal with electronic components
ZDK 2.5-2/LD 24VUC****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	ZDK 2.5-2/LD 24VUC
Order No.	1905310000
Version	Z terminal with electronic components, Component terminal, Double-tier terminal, Rated cross-section: 2.5 mm², Tension clamp connection, Wemid, Dark Beige
GTIN (EAN)	4032248524792
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	72.5 mm	Width	5.1 mm
Height	53 mm	Height of lowest version	54 mm
Net weight	11.06 g		

Temperatures

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

Additional technical data

Explosion-tested version	Yes	Open sides	Open
Type of mounting		Version	Tension-clamp connection, with LED, for plug-in cross-connector, One end without connector
	Snap-on		

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.	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.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 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
Twin wire-end ferrules, min.	0.14 mm ²	Twin wire-end ferrules, max.	0.34 mm ²

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	24 V
Rated current	10 A	Current at maximum wires	10 A
Standards	IEC 60947-7-1	Pollution severity	3

Material data

Insulating material	Wemid	Material	Wemid
Colour	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	2
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	Yes	Mounting rail	TS 35

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 technical data	2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.
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Approvals

Approvals	
ROHS	Conform