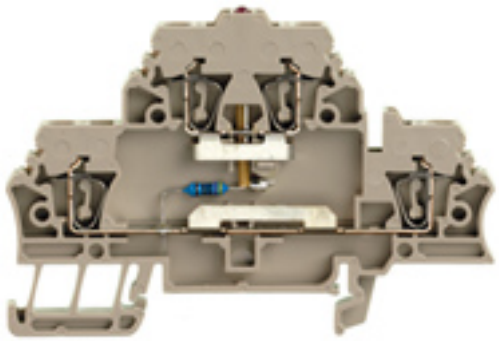
Z terminal with electronic components
ZDK 2.5/LD RT/2

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	ZDK 2.5/LD RT/2
Order No.	1693940000
Version	Z terminal with electronic components, Double-tier terminal, Rated cross-section: 2.5 mm², Tension clamp connection, Wemid, Dark Beige, Direct mounting
GTIN (EAN)	4008190877873
Qty.	50 pc(s).

Z terminal with electronic components
ZDK 2.5/LD RT/2

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

Technische Daten

Dimensions and weights

Length	79.1 mm	Width	5.1 mm
Height of lowest version	54 mm	Net weight	10.92 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
Installation advice	Direct mounting	Open sides	right
Type of mounting	Snap-on	Version	Tension-clamp connection, with LED, for plug-in cross-connector, One end without connector

CSA ratings data

Certificate No. (CSA)	12400-367	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 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm²

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 mm²
Clamping range, rated connection, max.	2.5 mm²	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm²	Wire connection cross section, solid core max. rated connection	2.5 mm²
Wire connection cross section, finely stranded, max.	2.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm²	Rated voltage	24 V
Rated current	10 A	Standards	IEC 60947-7-1
Pollution severity	3		

Z terminal with electronic components
ZDK 2.5/LD RT/2

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

Technische Daten

UL ratings data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 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	2
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	No	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		

Product information

Descriptive text ordering data	Voltage on the continuous busbar = 10 A
Descriptive text technical data	2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Approvals

Approvals



ROHS	Conform