

**Z terminal with electronic components  
ZDL 2.5/SI/DU/PE LD 36V**

**Weidmüller Interface GmbH & Co. KG**  
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The fuse terminals of the Weidmüller Z-Series are available in two different forms:

- Fuse terminal with pivoting retaining lever
- Fuse terminal with plug-in SIHA fuse holder

**General ordering data**

Type	ZDL 2.5/SI/DU/PE LD 36V
Order No.	<a href="#">1763190000</a>
Version	Z terminal with electronic components, Fuse terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Dark Beige, Direct mounting
GTIN (EAN)	4032248109425
Qty.	25 pc(s).

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## Technical data

### Dimensions and weights

Length	95 mm	Width	5.1 mm
Height of lowest version	98 mm	Net weight	23.2 g

### Temperatures

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

### Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting		Version	Tension-clamp connection, Fuse cartridge, With PE connection, with LED, for plug-in cross-connector, One end without connector
	Snap-on		

### CSA ratings data

Certificate No. (CSA)	154685-1142891	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 <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm <sup>2</sup>
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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	Inclined / angled
Number of connections	5	Clamping range, rated connection, min.	0.13 mm <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

### Rated data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage to adjoining terminal	400 V
Rated impulse withstand voltage	6 kV	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-3
Pollution severity	3		

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**Technical data****UL ratings data**

Certificate No. (UR)	E60693	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	Inclined / angled	Number of levels	2
Number of connections	5	No. of clamping points per level	2
Levels cross-connected internally	No	End cover plate required	Yes

**Display element**

Operating voltage for display, max.	36 V	Operating voltage for display, min.	36 V
Type of voltage for indicator	AC/DC		

**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Display	red LED
Fuse holder (cartridge holder)	pluggable	Operating voltage, max.	36 V
Type of voltage for indicator	AC/DC		

**Classifications**

ETIM 3.0	EC000899	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-16	eClass 6.2	27-14-11-16
eClass 7.1	27-14-11-16		

**Product information**

Descriptive text ordering data	For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.
Descriptive text technical data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Descriptive text accessories	Status indication via bidirectional LED. It is not possible to use cross-connections on the upper level.

**Approvals**

Approvals



ROHS	Conform
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