

Z terminal fuse terminals
ZDL 2.5/SI/DU
onlinecomponents.com
THE ONLINE DISTRIBUTOR OF ELECTRONIC COMPONENTS
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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Germany

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www.weidmueller.com



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

Order No.	1763180000
Type	ZDL 2.5/SI/DU
Version	Z terminal fuse terminals, Fuse terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting
GTIN (EAN)	4032248108947
Qty.	25 pc(s).

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Technical data

Dimensions

Length	95 mm	Width	5.1 mm
Height of lowest version	98 mm		

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	Snap-on		

CSA ratings data

Certificate No. (CSA)	154685-1142891	Voltage size D (CSA)	300 V
Current size D (CSA)	10 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.	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	Inclined / angled
Number of connections	4	Clamping range, rated connection, min.	0.13 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.	0.5 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
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm ²	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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Certificate No. (UR)	E60693VOL1SEC52	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V	Current size B (UR)	15 A
Current size D (UR)	10 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

Material	Wemid	Colour	Dark beige
Flammability class UL 94	V-0		

System specifications

Product family	Z terminal fuse terminals	Type of connection	Tension clamp connection
Connection direction	Inclined / angled	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

Operating voltage for display, max.	250 V	Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	red LED
Fuse holder (cartridge holder)	pluggable	Operating voltage, max.	400 V
Type of voltage for indicator	AC/DC		

Classifications

ETIM 2.0	EC000899	ETIM 3.0	EC000899
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-16
eClass 5.1	27-14-11-16	eClass 6.0	27-14-11-16
eClass 7.0	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.
Product description	400 V

Approvals

Approvals

