

**Z terminal with electronic components
ZSI 2.5/LD 250AC**

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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	ZSI 2.5/LD 250AC
Order No.	1616410000
Version	Z terminal with electronic components, Fuse terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, Dark Beige, Direct mounting
GTIN (EAN)	4008190196844
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	79.5 mm	Width	7.9 mm
Height	73 mm	Height of lowest version	74 mm
Net weight	19.81 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	Snap-on	Version	Tension-clamp connection, Fuse cartridge, with LED, for plug-in cross-connector, One end without connector

CSA ratings data

Certificate No. (CSA)	200039-1152892	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	2	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 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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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	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	End cover plate required	Yes

Display element

Current	6.3 A	Operating voltage for display, max.	250 V
Operating voltage for display, min.	140 V	Type of voltage for indicator	AC/DC

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Current	6.3 A
Display	red LED	Fuse holder (cartridge holder)	Pivoting
Operating voltage, max.	250 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	The rated voltage for cartridge fuse holders is 250 V and the rated impulse 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 display using a bi-directional LED.

Approvals

Approvals



ROHS Conform