

**Z terminal with tension spring connection
ZSI 2.5/2 500AC**

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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 2.5/2 500AC
Order No.	1616460000
Version	Z terminal with tension spring connection, Fuse terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, Dark Beige, Direct mounting
GTIN (EAN)	4008190196608
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	79.5 mm	Width	12.2 mm
Height	73 mm	Height of lowest version	74 mm
Net weight	24.6 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, Without LED, for plug-in cross- connector, closed
	Snap-on		

CSA ratings data

Certificate No. (CSA)	200039-1 152892	Voltage size C (CSA)	600 V
Current size C (CSA)	15 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	top
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 voltage to adjoining terminal	500 V
Rated impulse withstand voltage	6 kV	Rated current	12 A
Current at maximum wires	12 A	Standards	IEC 60947-7-3
Pollution severity	3		

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UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	16 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

Insulating material	Wemid	Material	Wemid
Colour	Dark Beige	UL 94 flammability rating	V-0

System specifications

Product family	Z terminal with tension spring connection	Type of connection	Tension clamp connection
Connection direction	top	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

Operating voltage for display, max.	500 V	Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 6.3 x 32	Display	red LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	500 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. With use of inch fuse cartridges.

Approvals

Approvals



ROHS Conform