

**Z-series
ZSI 2.5-2/2X2AN/G20/LD1**

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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 2.5-2/2X2AN/G20/LD1
Order No.	1867440000
Version	Z-series, Fuse terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, PA 66/6, Black, Direct mounting
GTIN (EAN)	4032248438778
Qty.	20 pc(s).

Data sheet

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Technical data

Dimensions and weights

Length	65 mm	Width	12.2 mm
Height	55 mm	Height of lowest version	55.5 mm
Net weight	25.67 g		

Temperatures

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

Additional technical data

Installation advice	Version	Tension-clamp connection, Fuse cartridge, with LED, for plug-in cross-connector, One end without connector
Direct mounting		

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)

Clamping range, further connection, max.	4 mm ²	Connection direction	Inclined / angled
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

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

Rated data

Rated cross-section	2.5 mm ²	Rated impulse withstand voltage	4 kV
Rated current	10 A	Current at maximum wires	10 A
Standards	IEC 60947-7-3	Pollution severity	3

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UL ratings data

Certificate No. (cURus)	E60693VOL1SEC72	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	10 A
Current size D (cURus)	5 A	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

Material data

Insulating material	PA 66/6	Material	Wemid
Colour	Black	UL 94 flammability rating	V-0

System specifications

Product family	Z-series	Type of connection	Tension clamp connection
Connection direction	Inclined / angled	Number of levels	1
Number of connections	2	Mounting rail	TS 35
End cover plate required	Yes		

Display element

Operating voltage for display, max.	36 V	Operating voltage for display, min.	10 V
Type of voltage for indicator	AC/DC		

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	LED
Fuse holder (cartridge holder)	for screw fixing	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	G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25 G 25 LED versions on request
Descriptive text technical data	The rated voltage of the fuse must not be exceeded. According to UL & CSA 600 V / 5 A.
Descriptive text accessories	Status display via an LED.

Approvals

Approvals



ROHS Conform