

**Z terminal fuse terminals
ZSI 6-2 2X2.5/G20/LD1**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	ZSI 6-2 2X2.5/G20/LD1
Order No.	1867500000
Version	Z terminal fuse terminals, Fuse terminal, Rated cross-section: 6 mm ² , Tension clamp connection, PA 66/6, Black
GTIN (EAN)	4032248438839
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Length	68 mm	Width	12.2 mm
Height	55 mm	Height of lowest version	55.5 mm
Net weight	29.8 g		

Temperatures

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

Additional technical data

Version	Tension-clamp connection, Fuse cartridge, with LED, for plug-in cross- connector, One end without connector
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CSA ratings data

Certificate No. (CSA)	200039-1152892	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

Clampable wires (additional connection)

Clamping range, further connection, min.	0.5 mm ²	Clamping range, further connection, max.	4 mm ²
Rated cross-section, further connection	2.5 mm ²	Connection direction	Inclined / angled
Number of connections, additional connection	1	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	Number of connections	2
Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	10 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	10 mm ²	Wire connection cross section, finely stranded, max.	10 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.	6 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.	6 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 12		

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Rated data

Rated cross-section	6 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

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	Wire cross section max. (cURus)	8 AWG

Material data

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

System specifications

Product family	Z terminal fuse terminals	Type of connection	Tension clamp connection
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 600 V / 5 A. A 3 terminal points AWG 26-12, A 5 terminal points AWG 20-8.
Descriptive text accessories	Status display via an LED.

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Approvals

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