

**Z terminal fuse terminals
ZSI 6-2 2X2.5/G25**

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/G25
Order No.	1820950000
Version	Z terminal fuse terminals, Fuse terminal, Rated cross-section: 6 mm ² , Tension clamp connection, PA 66/6, Black
GTIN (EAN)	4032248374175
Qty.	20 pc(s).

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Technische Daten

Dimensions and weights

Length	68 mm	Width	12.2 mm
Height	55 mm	Height of lowest version	55.5 mm
Net weight	28.8 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	Open sides	right
Type of mounting		Version	Tension-clamp connection, Fuse cartridge, Without LED, for plug-in cross- connector, One end without connector
	Snap-on		

CSA ratings data

Certificate No. (CSA)	200039-1152892	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Current size C (CSA)	10 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	26 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	2	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	Blade size	0.6 x 3.5 mm
Number of connections	1	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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Dimensions

TS 35 offset	34 mm
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Rated data

Rated cross-section	6 mm ²	Rated voltage to adjoining terminal	500 V
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)	E60693	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	1
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Display element

Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 25	Display	Neon lamp
Fuse holder (cartridge holder)	for screw fixing	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	G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request
Descriptive text technical data	The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8
Descriptive text accessories	Status indication via neon lamp.

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Approvals

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