

**Z terminal fuse terminals  
ZSI 6-2/FC LD**

**Weidmüller Interface GmbH & Co. KG**  
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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 6-2/FC LD
Order No.	<a href="#">181470000</a>
Version	Z terminal fuse terminals, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Tension clamp connection, PA 66/6, Black, Direct mounting
GTIN (EAN)	4032248358496
Qty.	25 pc(s).

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## Technische Daten

### Dimensions and weights

Length	70 mm	Width	8.1 mm
Height	50 mm	Height of lowest version	51 mm
Net weight	18.72 g		

### Temperatures

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

### Additional technical data

Electronic component	red LED	Explosion-tested version	No
Installation advice	Direct mounting	Open sides	right
Type of mounting		Version	Tension-clamp connection, Fuse cartridge, with 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
Current size C (CSA)	25 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

### Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm <sup>2</sup>
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### Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	10 mm
Blade size	4.0 x 0.8 mm	Connection direction	top
Clamping range, rated connection, min.	0.33 mm <sup>2</sup>	Clamping range, rated connection, max.	10 mm <sup>2</sup>
Gauge to IEC 60947-1	A5	Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	10 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm <sup>2</sup>	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	6 mm <sup>2</sup>		

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## Technische Daten

### Rated data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage to adjoining terminal	400 V
Rated impulse withstand voltage	6 kV	Rated current	30 A
Current at maximum wires	30 A	Standards	DIN 72581-3, IEC 60947-7-3
Pollution severity	3		

### UL ratings data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	22 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
Connection direction	top	Number of levels	1
Levels cross-connected internally	No	End cover plate required	Yes

### Display element

Type of voltage for indicator	AC/DC
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### Fuse terminals

Cartridge fuse	Blade fuse type C	Display	red LED
Fuse holder (cartridge holder)	pluggable	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	Automotive fuses are not available from Weidmüller.
Descriptive text technical data	Fuse continuous current max. 80 % IN.
Descriptive text accessories	Status display using a bi-directional LED. With use of Pudenz fuses.

### Approvals

Approvals



ROHS	Conform
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