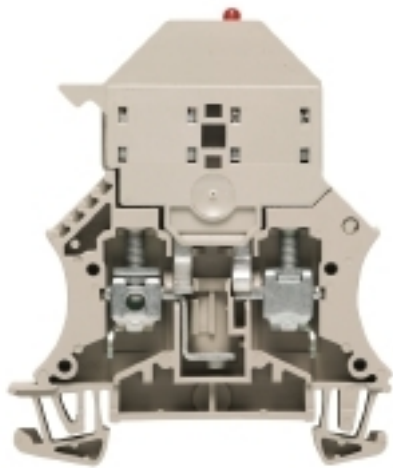


**W-Series  
WSI 6/LD 250AC**

**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 W 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	WSI 6/LD 250AC
Order No.	<a href="#">1012400000</a>
Version	W-Series, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4008190139834
Qty.	50 pc(s).

## Data sheet

### W-Series WSI 6/LD 250AC

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## Technical data

### Dimensions and weights

Width	7.9 mm	Height	60 mm
Depth	71.5 mm	Weight	21.5 g
Net weight	19.47 g		

### Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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### Material data

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

### System specifications

Version	Screw connection, Fuse isolator, with LED, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of levels	1	No. of clamping points per level	2
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35		

### Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

### CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

### Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 6 mm<sup>2</sup>

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**Technical data**
**Conductors for clamping (rated connection)**

Blade size	0.8 x 4.0 mm	Clamping range, rated connection, max.	10 mm <sup>2</sup>
Clamping range, rated connection, min.	0.5 mm <sup>2</sup>	Clamping screw	M 3.5
Connection direction	on side	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>
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	12 mm	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Torque level with DMS electric screwdriver	3
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 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, max.	10 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	10 mm <sup>2</sup>	Wire connection cross section, solid core, min. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	10 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	1.5 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>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

**Display element**

Operating voltage for display, max.	250 V	Operating voltage for display, min.	140 V
Type of voltage for indicator	AC/DC		

**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Display	red LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	250 V
Permitted power loss for fuse with semiconductor protection		Power loss, 1-pole ; 2-pole ; 3-pole	
Type of voltage for indicator	AC/DC		

**Rating data**

Rated cross-section	6 mm <sup>2</sup>	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-3
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG		

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**Technical data**

**Classifications**

ETIM 3.0	EC000899	ETIM 4.0	EC000899
ETIM 5.0	EC000899	ETIM 6.0	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
eClass 8.1	27-14-11-16	eClass 9.0	27-14-11-16

**Product information**

Descriptive text ordering data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Descriptive text accessories	Markers only fit on one side.

**Approvals**

Approvals



ROHS Conform

**Data sheet**

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**Drawings**

