

**W terminal with electronic components  
WSI 6/LD 250AC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

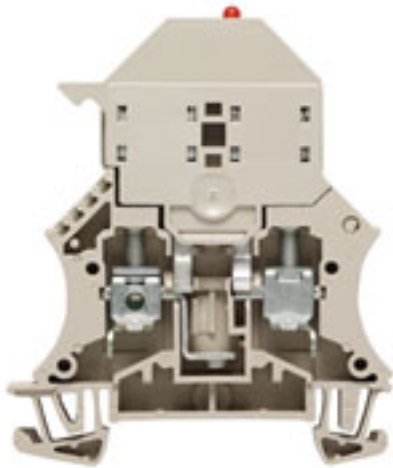
D-32758 Detmold

Germany

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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**

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

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**Technical data**
**Dimensions**

Length	60 mm	Width	7.9 mm
Height	71.5 mm	Height of lowest version	72 mm
Weight	21.5 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	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

**CSA ratings data**

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 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	Screw connection	Stripping length	12 mm
Blade size	4.0 x 0.8 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.5 mm <sup>2</sup>
Clamping range, rated connection, max.	10 mm <sup>2</sup>	Clamping screw	M 3.5
Tightening torque, min.	0.8 Nm	Tightening torque, max.	1.6 Nm
Torque level with DMS electric screwdriver	3	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, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	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>
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 8

**Rated data**

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

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**Technical data**
**UL ratings data**

Certificate No. (UR)	E60693VOL1SEC38	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG

**Material data**

Material	Wemid	Colour	Dark beige
Flammability class UL 94	V-0		

**System specifications**

Product family	W terminal with electronic components	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

**Display element**

Operating voltage for display, max.	150 V	Operating voltage for display, min.	60 V
Type of voltage for indicator	AC		

**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Display	red LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	250 V
Type of voltage for indicator	AC		

**Classifications**

ETIM 2.0	EC000899	ETIM 3.0	EC000899
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-16
eClass 5.1	27-14-11-16	eClass 6.0	27-14-11-16
eClass 7.0	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 technical data	Fuse inserts or contact sleeves should be attached in the middle. Residual current flows through LED when fuse is defective! Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.
Descriptive text accessories	Screw M3 x 5 order No. 1052100000 for QL 2 - QL 10.
Product description	140 - 250V

**Approvals**

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**Drawings**

