

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

Klingenbergstraße 16

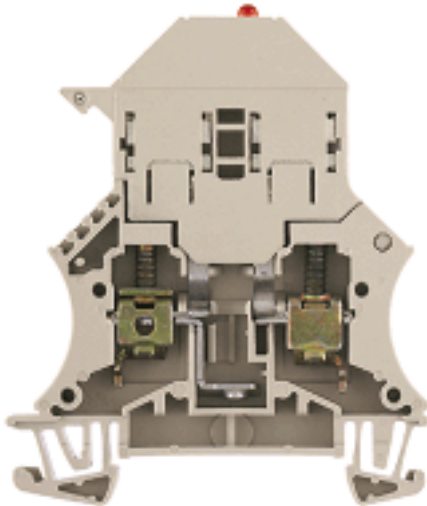
D-32758 Detmold

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.	1012400000
Type	WSI 6/LD 250AC
Version	W terminal with electronic components, Fuse terminal, Rated cross-section: 6 mm ² , Screw connection
GTIN (EAN)	4008190139834
Qty.	50 pc(s).

W terminal with electronic components WSI 6/LD 250AC

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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
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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 ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm ²
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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 ²
Clamping range, rated connection, max.	10 mm ²	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 ²	Wire connection cross section, solid core max. rated connection	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	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 20	Wire connection cross section AWG, max.	AWG 8

Rated data

Rated cross-section	6 mm ²	Rated voltage to adjoining terminal	500 V
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. 1 x 1/4	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
ETIM 4.0	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		

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Technical data

Approvals

Approvals



Product information

Note, ordering data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Note, 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.
Note, accessories	Screw M3 x 5 order No. 1052100000 for QL 2 - QL 10.
Product description	140 - 250V

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Drawings

