

**W terminal with electronic components  
WSI 6/2/LD 30-70V DC/AC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

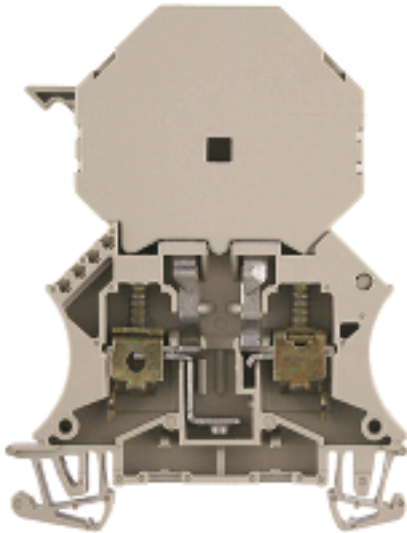
D-32758 Detmold

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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="#">1014200000</a>
Type	WSI 6/2/LD 30-70V DC/AC
Version	W terminal with electronic components, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4008190079390
Qty.	25 pc(s).

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### Technical data

#### Dimensions

Length	60 mm	Width	11.9 mm
Height	78.5 mm	Height of lowest version	79.5 mm
Weight	29.72 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)	6 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 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.	70 V	Operating voltage for display, min.	30 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.	70 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		

**Approvals**

Approvals



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**Technical data****Product information**

Note, ordering data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Note, technical data	Cartridge fuses or contact sleeves have to be inserted centrally.
Note, accessories	<b>Cross-connection, see section "W-series accessories"</b>
Product description	30 - 70V

**Data sheet...**

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**Drawings**

