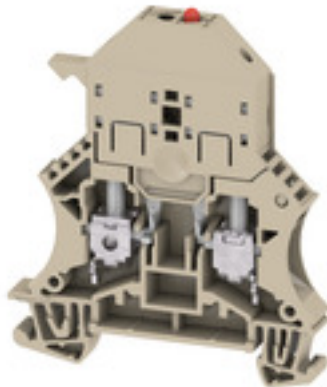


WSI 6/LD 60-150V DC/AC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

General ordering data

Version	W-Series, Fuse terminal, Rated cross-section: 6 mm ² , Screw connection
Order No.	1012300000
Type	WSI 6/LD 60-150V DC/AC
GTIN (EAN)	4008190012908
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	71.5 mm	Depth (inches)	2.815 inch
Depth including DIN rail	72 mm	Height	60 mm
Height (inches)	2.362 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	19.37 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

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 potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	2.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	2.5 mm ²

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 ²
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Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm
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Technical data

Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	0.5 mm ²		
		max.	10 mm ²		
		nominal	6 mm ²		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
			max.	1.6 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
		min.	1.5 mm ²		
		max.	10 mm ²		
		nominal	6 mm ²		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
			max.	1.6 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	flexible, H05(07) V-K		
		min.	0.5 mm ²		
		max.	10 mm ²		
		nominal	6 mm ²		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
			max.	1.6 Nm	
		Recommended wire-end ferrule			
Clamping range, max.	10 mm ²				
Clamping range, min.	0.5 mm ²				
Clamping screw	M 3.5				
Connection cross-section, stranded, max.	10 mm ²				
Connection cross-section, stranded, min. 1.5 mm ²					
Connection direction	on side				
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, max.	10 mm ²				
Wire connection cross section, finely stranded, min.	0.5 mm ²				

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 6 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. 6 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.5 mm²

Wire connection cross-section, solid core, max. 10 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

Dimensions

TS 35 offset 32 mm

Display element

Operating voltage for display, max. 150 V Operating voltage for display, min. 60 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. 150 V

Type of voltage for indicator AC/DC

General

Rail TS 35 Standards IEC 60947-7-3

Wire connection cross section AWG, max. AWG 8 Wire connection cross section AWG, min. AWG 20

Rating data

Rated cross-section 6 mm² Rated voltage 150 V

Rated voltage to adjoining terminal 500 V 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

Power loss in accordance with IEC 60947-7-x 1.31 W 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 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ECLASS 9.0	27-14-11-16
ECLASS 9.1	27-14-11-16	ECLASS 10.0	27-14-11-16
ECLASS 11.0	27-14-11-16	ECLASS 12.0	27-14-11-16

Important note

Product information	The voltage depends on the selected fuse element or the selected indicator light
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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate CB Test certificate EAC certificate DNVGL certificate Lloyds Register Certificate MARITREG Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks Marking options on WSI 6 terminal blocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

