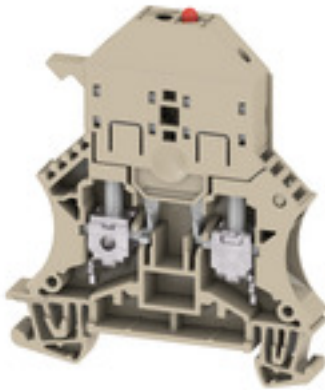


WSI 6/LD 30-70V LLC**Weidmüller Interface GmbH & Co. KG**

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.	1119830000
Type	WSI 6/LD 30-70V LLC
GTIN (EAN)	4032248900954
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	20.6 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	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 (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			
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 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²

Display element

Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Fuse holder (cartridge holder)	Pivoting	Leakage current, max.	0.191 mA
Operating voltage, max.	70 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 mm ²	Rated voltage	70 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	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		

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

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Technical data

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 CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WSI6_WSI6_2_LLC.pdf StorageConditionsTerminalBlocks Marking options on WSI 6 terminal blocks
Catalogues	Catalogues in PDF-format
Brochures	

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