

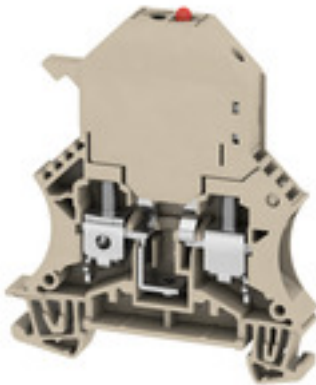
WSI 6/LD 30-70V LLC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

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).

Creation date March 23, 2021 12:48:25 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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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	Net weight	20.6 g
Width	7.9 mm	Width (inches)	0.311 inch

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 with wire-end ferrules DIN 46228/1, max.	6 mm ²			

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
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Wire connection cross-section, solid core, max.	10 mm ²
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Wire connection cross-section, solid core, min.	0.5 mm ²
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Display element

Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20
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Fuse holder (cartridge holder)	Pivoting
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Operating voltage, max.	70 V
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Display	Red LED
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Leakage current, max.	0.191 mA
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Type of voltage for indicator	AC/DC
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General

Rail	TS 35
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Wire connection cross section AWG, max.	AWG 8
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Standards	IEC 60947-7-3
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Wire connection cross section AWG, min.	AWG 20
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Rating data

Power loss in accordance with IEC 60947-7-x	1.31 W
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Rated voltage	70 V
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Rated current	6.3 A
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Standards	IEC 60947-7-3
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Pollution severity	3
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Rated cross-section	6 mm ²
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Rated voltage to adjoining terminal	500 V
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Current at maximum wires	6.3 A
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Volume resistance according to IEC 60947-7-x	0.78 mΩ
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UL rating data

Certificate No. (UR)	E60693
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Conductor size Factory wiring min. (UR)	22 AWG
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Conductor size Field wiring min. (UR)	22 AWG
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UL_voltage_Print	600 V
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UL_wire_min_Print	22 AWG
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Conductor size Factory wiring max. (UR)	8 AWG
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Conductor size Field wiring max. (UR)	8 AWG
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UL_current_Print	10 A
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UL_wire_max_Print	8 AWG
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Classifications

ETIM 6.0	EC000899
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ECLASS 9.0	27-14-11-16
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ECLASS 10.0	27-14-11-16
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ETIM 7.0	EC000899
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ECLASS 9.1	27-14-11-16
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ECLASS 11.0	27-14-11-16
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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate CB Test certificate EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WSI6_WSI6_2_LLC.pdf StorageConditionsTerminalBlocks

Data sheet

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Drawings

