

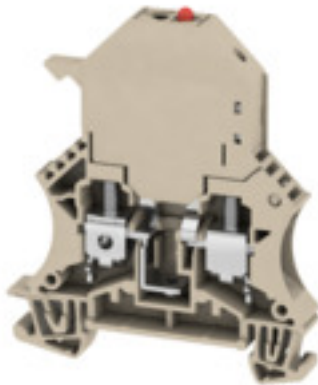
**WSI 6/LD 30-70V LLC****Weidmüller Interface GmbH & Co. KG**

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 <sup>2</sup> , Screw connection
Order No.	<a href="#">2562750000</a>
Type	WSI 6/LD 30-70V LLC
GTIN (EAN)	4050118571523
Qty.	50 pc(s).

Creation date March 29, 2021 7:35:07 PM CEST

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.	-60 °C
Continuous operating temp., max.	130 °C		

## Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1389U	Certificate No. (IECEX)	IECEXUL14.0097U
Max. voltage (ATEX)	500 V	Current (ATEX)	6.3 A
Wire cross section max. (ATEX)	10 mm <sup>2</sup>	Max. voltage (IECEX)	500 V
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	10 mm <sup>2</sup>
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 3 G D

## 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		

## Additional technical data

Open sides	right	Type of mounting	Snap-on
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## Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm
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Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm <sup>2</sup>	
		max.	10 mm <sup>2</sup>	
		nominal	6 mm <sup>2</sup>	
	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 <sup>2</sup>		
	max.	10 mm <sup>2</sup>		
	nominal	6 mm <sup>2</sup>		
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 <sup>2</sup>		
	max.	10 mm <sup>2</sup>		
	nominal	6 mm <sup>2</sup>		
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 <sup>2</sup>			
Clamping range, min.	0.5 mm <sup>2</sup>			
Clamping screw	M 3.5			
Connection cross-section, stranded, max.	10 mm <sup>2</sup>			
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>			
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 <sup>2</sup>			

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## Technical data

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

## Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Leakage current, max.	0.191 mA	Operating voltage, max.	70 V

## 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

Power loss in accordance with IEC 60947-7-x	1.31 W	Rated cross-section	6 mm <sup>2</sup>
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
Pollution severity	3		

## Classifications

ETIM 6.0	EC000899	ETIM 7.0	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

## Approvals

Approvals



ROHS

Conform

**Data sheet****WSI 6/LD 30-70V LLC**

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">IECEX Certificate</a> <a href="#">AEx nA Certificate</a> <a href="#">CB Test certificate</a> <a href="#">EAC EX Certificate</a> <a href="#">CCC Ex Certificate</a>
Engineering Data	<a href="#">EPLAN</a>
User Documentation	<a href="#">NTI WSI 6</a> <a href="#">StorageConditionsTerminalBlocks</a>