

**WSI 4/LD 10-36V AC/DC****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: 4 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">1886590000</a>
Type	WSI 4/LD 10-36V AC/DC
GTIN (EAN)	4032248492077
Qty.	50 pc(s).

Creation date June 14, 2021 7:30:29 AM CEST

Catalogue status 05.06.2021 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	42.5 mm	Depth (inches)	1.673 inch
Height	50.7 mm	Height (inches)	1.996 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	11.44 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	black
UL 94 flammability rating	V-0		

### System specifications

Version	Screw connection, Fuse isolator, with LED, in closed state	End cover plate required	No
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)

Cross-section for connected wire, solid, two clampable wires, max.	1.5 mm <sup>2</sup>	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm <sup>2</sup>

### Additional technical data

Number of similar terminals	1	Type of mounting	Snap-on
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### CSA rating data

Certificate No. (CSA)	200039-1575489	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG		

### Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 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 <sup>2</sup>	
		max.	4 mm <sup>2</sup>	
		nominal	4 mm <sup>2</sup>	
	wire end ferrule	Stripping length	min.	8 mm
			max.	8 mm
			nominal	8 mm
		Tightening torque	min.	0.4 Nm
	max.		0.4 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.	4 mm <sup>2</sup>		
	nominal	4 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	8 mm	
		max.	8 mm	
		nominal	8 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.4 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.	4 mm <sup>2</sup>		
	nominal	4 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	8 mm	
		max.	8 mm	
		nominal	8 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.4 Nm		
Recommended wire-end ferrule				
Clamping range, max.	4 mm <sup>2</sup>			
Clamping range, min.	0.5 mm <sup>2</sup>			
Clamping screw	M 2.5			
Connection cross-section, stranded, max.	4 mm <sup>2</sup>			
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>			
Connection direction	on side			
Gauge to IEC 60947-1	A3			
Number of connections	2			
Stripping length	8 mm			
Tightening torque, max.	0.4 Nm			
Tightening torque, min.	0.4 Nm			
Torque level with DMS electric screwdriver	2			
Type of connection	Screw connection			
Wire connection cross section AWG, max.	AWG 12			
Wire connection cross section AWG, min.	AWG 22			
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>			

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 2.5 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, solid core, max. 4 mm<sup>2</sup>

Wire connection cross-section, solid core, min. 0.5 mm<sup>2</sup>

### Display element

Operating voltage for display, max. 36 V      Operating voltage for display, min. 10 V

Type of voltage for indicator AC/DC

### Fuse terminals

Cartridge fuse G-Si. 5 x 20

Fuse holder (cartridge holder) for screw fixing

Power loss for overload and short-circuit protection for a composite arrangement 1.6 W at 6.3 A @ 23°C

Power loss for short-circuit protection only for a composite arrangement 2.5 W at 6.3 A @ 47°C

Type of voltage for indicator AC/DC

Display LED

Operating voltage, max. 36 V

Power loss for overload and short-circuit protection for an individual arrangement 1.6 W at 6.3 A @ 34°C

Power loss for short-circuit protection only for an individual arrangement 4.0 W at 6.3 A @ 63°C

### General

Rail TS 35

Wire connection cross section AWG, max. AWG 12

Standards IEC 60947-7-3

Wire connection cross section AWG, min. AWG 22

### Rating data

Rated cross-section 4 mm<sup>2</sup>

Rated voltage to adjoining terminal 500 V

Current at maximum wires 6.3 A

Volume resistance according to IEC 60947-7-x 1 mΩ

Rated voltage 36 V

Rated current 6.3 A

Standards IEC 60947-7-3

Power loss in accordance with IEC 60947-7-x 1.02 W

### UL rating data

Certificate No. (cURus) E60693

Conductor size Factory wiring min. (cURus) 30 AWG

Conductor size Field wiring min. (cURus) 30 AWG

UL\_wire\_min\_Print 30 AWG

Conductor size Factory wiring max. (cURus) 12 AWG

Conductor size Field wiring max. (cURus) 12 AWG

UL\_wire\_max\_Print 12 AWG

### Classifications

ETIM 6.0 EC000899

ECLASS 9.0 27-14-11-16

ECLASS 10.0 27-14-11-16

ETIM 7.0 EC000899

ECLASS 9.1 27-14-11-16

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	<a href="#">CB Testreport</a>
	<a href="#">CB Certificate</a>
	<a href="#">CB Test certificate</a>
	<a href="#">EAC certificate</a>
	<a href="#">Lloyds Register Certificate</a>
	<a href="#">Declaration of Conformity</a>
	<a href="#">Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

