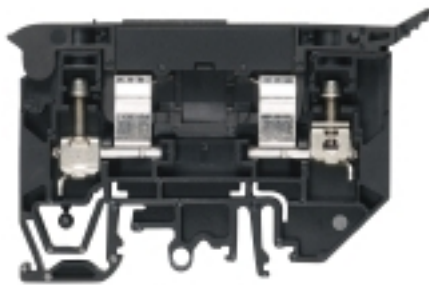


WSI 4/2/LD 10-36V AC/DC**Weidmüller Interface GmbH & Co. KG**

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 ² , Screw connection
Order No.	1880410000
Type	WSI 4/2/LD 10-36V AC/DC
GTIN (EAN)	4032248541935
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.106 inch
Height	81.6 mm	Height (inches)	3.213 inch
Net weight	22.8 g	Width	9.1 mm
Width (inches)	0.358 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	black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Fuse isolator, with LED, 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, TS 32	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.	1.5 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.	1.5 mm ²

Additional technical data

Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1575489	Wire cross section max. (CSA)	10 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 ²	
		max.	6 mm ²	
		nominal	4 mm ²	
	wire end ferrule	Stripping length	min.	11 mm
			max.	11 mm
			nominal	11 mm
		Tightening torque	min.	0.5 Nm
			max.	0.8 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm ²	
		max.	6 mm ²	
		nominal	4 mm ²	
	wire end ferrule	Stripping length	min.	11 mm
			max.	11 mm
			nominal	11 mm
		Tightening torque	min.	0.5 Nm
			max.	0.8 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.	6 mm ²	
		nominal	4 mm ²	
wire end ferrule	Stripping length	min.	11 mm	
		max.	11 mm	
		nominal	11 mm	
	Tightening torque	min.	0.5 Nm	
		max.	0.8 Nm	
	Recommended wire-end ferrule			
Clamping range, max.		6 mm ²		
Clamping range, min.		0.5 mm ²		
Clamping screw		M 3		
Connection cross-section, stranded, max.		6 mm ²		
Connection cross-section, stranded, min.		1.5 mm ²		
Connection direction		on side		
Gauge to IEC 60947-1		A3		
Number of connections		2		
Stripping length		10 mm		
Tightening torque, max.		0.8 Nm		
Tightening torque, min.		0.5 Nm		
Torque level with DMS electric screwdriver		2		
Type of connection		Screw connection		
Wire connection cross section AWG, max.		AWG 10		
Wire connection cross section AWG, min.		AWG 22		
Wire connection cross section, finely stranded, max.		6 mm ²		

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 4 mm²

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

Wire connection cross-section, solid core, max. 6 mm²

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

Dimensions

TS 35 offset 25 mm

Display element

Operating voltage for display, max. 65 V Operating voltage for display, min. 10 V

Type of voltage for indicator AC/DC

Fuse terminals

Cartridge fuse 6.3 x 32 mm (1/4 x 1 1/4")

Fuse holder (cartridge holder) Pivoting

Power loss for overload and short-circuit protection for a composite arrangement 1.6 W at 1.0 A @ 41°C

Power loss for short-circuit protection only for an individual arrangement 4.0 W at 10 A @ 55°C

Display Red LED

Operating voltage, max. 36 V

Power loss for short-circuit protection only for a composite arrangement 2.5 W at 2.5 A @ 68°C

Type of voltage for indicator AC/DC

General

Rail TS 35, TS 32

Wire connection cross section AWG, max. AWG 10

Standards IEC 60947-7-3

Wire connection cross section AWG, min. AWG 22

Rating data

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

Rated voltage 36 V

Rated current 6.3 A

Standards IEC 60947-7-3

Rated impulse withstand voltage 6 V

Rated cross-section 4 mm²

Rated voltage to adjoining terminal 500 V

Current at maximum wires 6.3 A

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

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) 10 AWG

Conductor size Field wiring max. (cURus) 10 AWG

UL_wire_max_Print 10 AWG

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Technical data

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
UL File Number Search	E60693

Downloads

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

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Drawings

