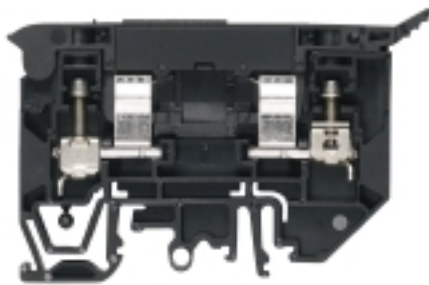


WSI 4/2/LD 10-36V AC/DC**Weidmüller Interface GmbH & Co. KG**

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
Width	9.1 mm	Width (inches)	0.358 inch
Net weight	22.8 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, 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				
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. 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

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

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

UL rating data

Certificate No. (cURus) E60693

Conductor size Factory wiring min. (cURus) 30 AWG

Conductor size Field wiring min. (cURus) 30 AWG

Conductor size Factory wiring max. (cURus) 10 AWG

Conductor size Field wiring max. (cURus) 10 AWG

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Technical data

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		

Approvals

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate EAC certificate Lloyds Register Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

