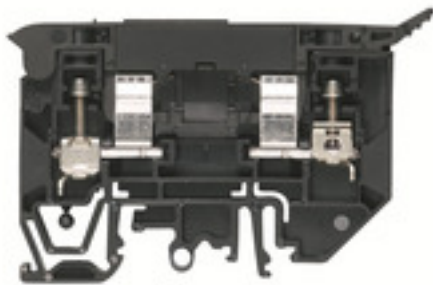


WSI 4/2/LD 140-250V AC/DC**Weidmüller Interface GmbH & Co. KG**

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.	1880390000
Type	WSI 4/2/LD 140-250V AC/DC
GTIN (EAN)	4032248544660
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	23.08 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 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 35 offset	25 mm
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Display element

Operating voltage for display, max.	500 V	Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")	Display	Red LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	250 V
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 a composite arrangement	2.5 W at 2.5 A @ 68°C
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 10 A @ 55°C	Type of voltage for indicator	AC/DC

General

Rail	TS 35, TS 32	Standards	IEC 60947-7-3
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 22

Rating data

Power loss in accordance with IEC 60947-7-x	1.02 W	Rated cross-section	4 mm ²
Rated voltage	250 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	1 mΩ
Rated impulse withstand voltage	6 V		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	30 AWG	UL_wire_max_Print	10 AWG
UL_wire_min_Print	30 AWG		

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

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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 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

