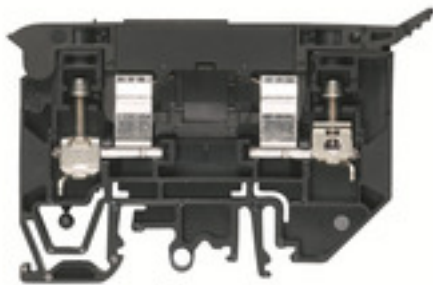


WSI 4/2/LD 30-70V AC/DC**Weidmüller Interface GmbH & Co. KG**

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.	1880440000
Type	WSI 4/2/LD 30-70V AC/DC
GTIN (EAN)	4032248544981
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	23.12 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
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
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Wire connection cross-section, solid core, max.	6 mm ²
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Wire connection cross-section, solid core, min.	0.5 mm ²
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Dimensions

TS 35 offset	25 mm
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Display element

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")
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Fuse holder (cartridge holder)	Pivoting
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Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 1.0 A @ 41°C
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Power loss for short-circuit protection only for an individual arrangement	4.0 W at 10 A @ 55°C
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Display	Red LED
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Operating voltage, max.	70 V
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Power loss for short-circuit protection only for a composite arrangement	2.5 W at 2.5 A @ 68°C
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Type of voltage for indicator	AC/DC
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General

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

Power loss in accordance with IEC 60947-7-x	1.02 W
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Rated voltage	70 V
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Rated current	6.3 A
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Standards	IEC 60947-7-3
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Rated impulse withstand voltage	6 V
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Rated cross-section	4 mm ²
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Rated voltage to adjoining terminal	500 V
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Current at maximum wires	6.3 A
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Volume resistance according to IEC 60947-7-x	1 mΩ
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UL rating data

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

ETIM 6.0	EC000899
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ECLASS 9.0	27-14-11-16
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ECLASS 10.0	27-14-11-16
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ETIM 7.0	EC000899
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ECLASS 9.1	27-14-11-16
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ECLASS 11.0	27-14-11-16
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www.weidmueller.com**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

