

WSI 4/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.	1886560000
Type	WSI 4/LD 30-70V AC/DC
GTIN (EAN)	4032248492046
Qty.	50 pc(s).

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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
Net weight	10.81 g	Width	8 mm
Width (inches)	0.315 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, 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 ²	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm ²
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	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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Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm ²	
		max.	4 mm ²	
		nominal	4 mm ²	
	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 ²	
		max.	4 mm ²	
		nominal	4 mm ²	
	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 ²	
		max.	4 mm ²	
		nominal	4 mm ²	
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 ²		
Clamping range, min.		0.5 mm ²		
Clamping screw		M 2.5		
Connection cross-section, stranded, max.		4 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		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 ²		

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	4 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

Operating voltage for display, max.	70 V	Operating voltage for display, min.	30 V
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Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	LED
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Fuse holder (cartridge holder)	for screw fixing	Operating voltage, max.	70 V
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Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 23°C	Power loss for overload and short-circuit protection for an individual arrangement	1.6 W at 6.3 A @ 34°C
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Power loss for short-circuit protection only for a composite arrangement	2.5 W at 6.3 A @ 47°C	Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 63°C
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Type of voltage for indicator	AC/DC
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General

Rail	TS 35	Standards	IEC 60947-7-3
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Wire connection cross section AWG, max.	AWG 12	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	Rated cross-section	4 mm ²
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Rated voltage	70 V	Rated voltage to adjoining terminal	500 V
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Rated current	6.3 A	Current at maximum wires	6.3 A
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Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1 mΩ
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UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
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Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	12 AWG
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Conductor size Field wiring min. (cURus)	30 AWG	UL_wire_max_Print	12 AWG
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UL_wire_min_Print	30 AWG
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Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
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ECLASS 9.0	27-14-11-16	ECLASS 9.1	27-14-11-16
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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 CB Test 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

