

WSI 6/2/LD 60-150V LLC**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: 6 mm ² , Screw connection
Order No.	1119820000
Type	WSI 6/2/LD 60-150V LLC
GTIN (EAN)	4032248901098
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Depth	78.5 mm	Depth (inches)	3.091 inch
Depth including DIN rail	79.5 mm	Height	60 mm
Height (inches)	2.362 inch	Net weight	27.68 g
Width	11.9 mm	Width (inches)	0.469 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	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Fuse isolator, with LED, for screwable cross- connection, 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	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.	2.5 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.	2.5 mm ²

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 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.	10 mm ²	
		nominal	6 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
			max.	1.6 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm ²	
		max.	10 mm ²	
		nominal	6 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
			max.	1.6 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.	10 mm ²		
	nominal	6 mm ²		
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	0.8 Nm	
		max.	1.6 Nm	
	Recommended wire-end ferrule			
Clamping range, max.	10 mm ²			
Clamping range, min.	0.5 mm ²			
Clamping screw	M 3.5			
Connection cross-section, stranded, max.	10 mm ²			
Connection cross-section, stranded, min.	1.5 mm ²			
Connection direction	on side			
Gauge to IEC 60947-1	A5			
Number of connections	2			
Tightening torque, max.	1.6 Nm			
Tightening torque, min.	0.8 Nm			
Torque level with DMS electric screwdriver	3			
Type of connection	Screw connection			
Wire connection cross section AWG, max.	AWG 8			
Wire connection cross section AWG, min.	AWG 20			
Wire connection cross section, finely stranded, max.	10 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²			

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²

Display element

Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 1 x 1/4	Display	Red LED
Fuse holder (cartridge holder)	Pivoting	Leakage current, max.	0.219 mA
Operating voltage, max.	150 V	Type of voltage for indicator	AC/DC

General

Rail	TS 35	Standards	IEC 60947-7-3
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 20

Rating data

Power loss in accordance with IEC 60947-7-x	1.31 W	Rated cross-section	6 mm ²
Rated voltage	150 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	0.78 mΩ
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	UL_current_Print	10 A
UL_voltage_Print	600 V	UL_wire_max_Print	8 AWG
UL_wire_min_Print	22 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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Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WSI6_WSI6_2_LLC.pdf StorageConditionsTerminalBlocks

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Drawings

