

WSI 25/1 10X38/LED 1KV**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: 25 mm ² , Screw connection
Order No.	1137780000
Type	WSI 25/1 10X38/LED 1KV
GTIN (EAN)	4032248957392
Qty.	12 pc(s).

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Technical data

Dimensions and weights

Depth	58 mm	Depth (inches)	2.283 inch
Height	81 mm	Height (inches)	3.189 inch
Net weight	52.75 g	Width	18 mm
Width (inches)	0.709 inch		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	PA 66/6	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Fuse cartridge, 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

Additional technical data

Open sides	closed	Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	238018-1868186	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	18 AWG		

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Conductors for clamping (rated connection)

Clampable conductor	Connection specification		Screw connection			
	Cross-section for conductor connection	Type	solid, H05(07) V-U			
		min.	1.5 mm ²			
		max.	25 mm ²			
		nominal	25 mm ²			
	wire end ferrule	Stripping length	min.	11 mm		
			max.	11 mm		
			nominal	11 mm		
		Tightening torque	min.	2 Nm		
			max.	2.5 Nm		
		Recommended wire-end ferrule				
		Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R			
		min.	1.5 mm ²			
		max.	25 mm ²			
		nominal	25 mm ²			
	wire end ferrule	Stripping length	min.	11 mm		
			max.	11 mm		
			nominal	11 mm		
		Tightening torque	min.	2 Nm		
			max.	2.5 Nm		
		Recommended wire-end ferrule				
		Connection specification		Screw connection		
	Cross-section for conductor connection	Type	flexible, H05(07) V-K			
		min.	1.5 mm ²			
max.		25 mm ²				
nominal		25 mm ²				
wire end ferrule	Stripping length	min.	11 mm			
		max.	11 mm			
		nominal	11 mm			
	Tightening torque	min.	2 Nm			
		max.	2.5 Nm			
	Recommended wire-end ferrule					
	Clamping range, max.		25 mm ²			
Clamping range, min.		1.5 mm ²				
Connection cross-section, stranded, max.		25 mm ²				
Connection cross-section, stranded, min.		1.5 mm ²				
Connection direction		on side				
Number of connections		2				
Stripping length		11 mm				
Tightening torque, max.		2.5 Nm				
Tightening torque, min.		2 Nm				
Type of connection		Screw connection				
Wire connection cross section AWG, max.		AWG 4				
Wire connection cross section AWG, min.		AWG 18				
Wire connection cross section, finely stranded, max.		25 mm ²				
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.		25 mm ²				

Creation date March 23, 2021 1:42:53 AM CET

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	25 mm ²
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
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Wire connection cross-section, solid core, max.	25 mm ²
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Wire connection cross-section, solid core, min.	1.5 mm ²
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Fuse terminals

Current for fuse with semiconductor protection	25 A	Permitted power loss for fuse with semiconductor protection	4.300000 W/ 10.000000 mm ² / 25.000000 A/
Permitted power loss for the standard fuse variants	3 W	Power loss for fuse with semiconductor protection	4.3 W
Power loss, 1-pole	0.3 W	Power loss, 1-pole ; 2-pole ; 3-pole	0.300000 W/ 0.600000 W/ 0.900000 W/
Power loss, 2-pole	0.6 W	Power loss, 3-pole	0.9 W
Wire cross-section for fuse with semiconductor protection	10 mm ²		

General

Rail	TS 35	Standards	IEC 60269-1
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18

Rating data

Power loss in accordance with IEC 60947-7-x	3.23 W	Rated cross-section	25 mm ²
Rated voltage	1,000 V	Rated voltage to adjoining terminal	1,000 V
Rated DC voltage	1,000 V DC	Rated current	30 A
Current at maximum wires	30 A	Standards	IEC 60269-1
Volume resistance according to IEC 60947-7-x	0.32 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

UL rating data

Certificate No. (UL)	E355388
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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

Important note

Product information	The clamping points must be checked depending on the operating conditions. For normal environmental conditions and load cases, we recommend checking at intervals of 6 months. With unfavourable operating conditions or frequent temperature changes at the clamping points, a shorter interval may be necessary.
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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E355388

Downloads

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