

WSI 25/3 10X38/LED

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload —ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

General ordering data

Version	Fuse terminal, Screw connection, dark beige, 25 mm ² , 32 A, 690 V, Number of connections: 2, Number of levels: 1, TS 35
Order No.	1444240000
Type	WSI 25/3 10X38/LED
GTIN (EAN)	4050118249552
Qty.	4 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	58 mm	Depth (inches)	2.2835 inch
Height	81 mm	Height (inches)	3.189 inch
Width	54 mm	Width (inches)	2.126 inch
Net weight	104 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

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

System specifications

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	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Type of mounting	Snap-on
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Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4
Stripping length	11 mm
Type of connection 2	Screw connection
Type of connection	Screw connection
Number of connections	2
Clamping range, max.	25 mm ²
Clamping range, min.	1.5 mm ²

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Wire connection cross section AWG, min.	AWG 18
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross section, finely stranded, max.	25 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	25 mm ²
Connection cross-section, stranded, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	25 mm ²
Wire connection cross-section, solid core, min.	1.5 mm ²
Connection cross-section, finely stranded, min.	1.5 mm ²

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
	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	
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	

Fuse terminals

Cartridge fuse	max. 3W for gG/gL max. 1.2W for aM	Fuse holder (cartridge holder)	Pivoting
Type of voltage for indicator	AC/DC	Display	LED

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Power loss, 1-pole ; 2-pole ; 3-pole

Permitted power loss for fuse with semiconductor protection

General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Standards	IEC 60947-7-3	Mounting rail	TS 35

Rating data

Rated cross-section	25 mm ²	Rated voltage	690 V
Rated voltage to adjoining terminal	690 V	Rated DC voltage	690 V
Nominal current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	0.32 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	3.23 W
Pollution severity	3		

Important note

Product information The voltage depends on the selected fuse element or the selected indicator light

Classifications

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

