

**WSI 25/1 10X38****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

**General ordering data**

Version	W-Series, Fuse terminal, Rated cross-section: 25 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">1966020000</a>
Type	WSI 25/1 10X38
GTIN (EAN)	4032248657766
Qty.	12 pc(s).

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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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
Width	18 mm	Width (inches)	0.709 inch
Net weight	51.25 g		

## 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, in closed state	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, two clampable wires, min.	0.75 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	10 mm <sup>2</sup>
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## 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)	3 AWG
Wire cross section min. (CSA)	18 AWG		

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**Technical data**

**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 <sup>2</sup>	
		max.	25 mm <sup>2</sup>	
		nominal	25 mm <sup>2</sup>	
	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		
		Cross-section for conductor connection	Type	stranded, H07V-R
			min.	1.5 mm <sup>2</sup>
max.			25 mm <sup>2</sup>	
nominal			25 mm <sup>2</sup>	
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		
		Cross-section for conductor connection	Type	flexible, H05(07) V-K
			min.	1.5 mm <sup>2</sup>
	max.		25 mm <sup>2</sup>	
	nominal		25 mm <sup>2</sup>	
	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 <sup>2</sup>		
	Clamping range, min.	1.5 mm <sup>2</sup>		
Connection cross-section, stranded, max.	25 mm <sup>2</sup>			
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>			
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 <sup>2</sup>			
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>			

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## Technical data

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

## Dimensions

TS 35 offset	40.5 mm
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## Fuse terminals

Cartridge fuse	max. 3W for gG/gL max. 1.2W for aM
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## General

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

## Rating data

Rated cross-section	25 mm <sup>2</sup>	Rated voltage	690 V
Rated voltage to adjoining terminal	690 V	Rated 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

## Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	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	ECLASS 12.0	27-14-11-16

## Important note

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

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E175322

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

