

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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	Fuse terminal, Screw connection, Fuse cartridge, with LED, in closed state, Screw connection, 25 mm <sup>2</sup> , 1000 V, 30 A, dark beige
Order No.	<a href="#">1137780000</a>
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
Width	18 mm	Width (inches)	0.709 inch
Net weight	52.75 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, 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)

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)	80153519	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	18 AWG		

## Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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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			
	Connection specification		Screw connection		
	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			
	Connection specification		Screw connection		
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				
Type of connection 2	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>

## Fuse terminals

Current for fuse with semiconductor protection	25 A	Permitted power loss for fuse with semiconductor protection	4.300000 W/ 10.000000 mm <sup>2</sup> / 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 <sup>2</sup>		

## 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

Rated cross-section	25 mm <sup>2</sup>	Rated voltage	1,000 V
Rated voltage to adjoining terminal	1,000 V	Rated DC voltage	1,000 V
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	Power loss in accordance with IEC 60947-7-x	3.23 W
Pollution severity	3		

## UL rating data

Certificate No. (UL)	E355388
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## Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	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	ECLASS 13.0	27-25-01-13

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## Technical data

## Environmental Product Compliance

REACH SVHC

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## Important note

Product information

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

## Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (UL) E355388

## Downloads

Approval/Certificate/Document of Conformity [UKCA declaration of conformity](#)

Engineering Data [CAD data – STEP](#)

Engineering Data [Zuken E3.S](#)

User Documentation [Storage Conditions Terminal Blocks](#)

Catalogues [Catalogues in PDF-format](#)

Brochures

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# Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Blank**

MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

**General ordering data**

Type	MF 5/12 MC NE WS	Version
Order No.	<a href="#">1250090000</a>	MultiFit, Terminal marker, 5 x 12 mm, Pitch in mm (P): 5.00 Phoenix,
GTIN (EAN)	4050118040463	white
Qty.	250 pc(s).	

**Z-Series**

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

**General ordering data**

Type	ZST 1	Version
Order No.	<a href="#">1269070000</a>	Accessories, Accessories holder
GTIN (EAN)	4050118094091	
Qty.	25 pc(s).	

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## Accessories

## 10x38 gPV



The gPV cylindrical fuse cartridges are designed to provide compact, safe and economical protection of photovoltaic modules (field protection) with voltages up to 1,500 DC. They provide protection against both overload and short circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 standards). Made of a ceramic tube with high internal pressure and thermal shock resistance, allowing high switching capacity in a small space. The contacts are made of silver-plated copper and the fusible elements of pure silver to avoid ageing and thus keep the electrical characteristics invariable. They are available in the sizes 10x38 mm, 10x85 mm and 22x58 mm.

## General ordering data

Type	FUSE 10X38 1A 1000 VDC ...	Version
Order No.	<a href="#">2783160000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 1 A
GTIN (EAN)	4064675059684	
Qty.	10 pc(s).	
Type	FUSE 10X38 3A 1000 VDC ...	Version
Order No.	<a href="#">2783180000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 3 A
GTIN (EAN)	4064675059905	
Qty.	10 pc(s).	
Type	FUSE 10X38 16A 1000 VDC ...	Version
Order No.	<a href="#">2783260000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 16 A
GTIN (EAN)	4064675059981	
Qty.	10 pc(s).	
Type	FUSE 10X38 6A 1000 VDC ...	Version
Order No.	<a href="#">2783210000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 6 A
GTIN (EAN)	4064675059936	
Qty.	10 pc(s).	
Type	FUSE 10X38 10A 1000 VDC ...	Version
Order No.	<a href="#">2783230000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 10 A
GTIN (EAN)	4064675059950	
Qty.	10 pc(s).	
Type	FUSE 10X38 4A 1000 VDC ...	Version
Order No.	<a href="#">2783190000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 4 A
GTIN (EAN)	4064675059912	
Qty.	10 pc(s).	
Type	FUSE 10X38 15A 1000 VDC ...	Version
Order No.	<a href="#">2783250000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 15 A
GTIN (EAN)	4064675059974	
Qty.	10 pc(s).	
Type	FUSE 10X38 2A 1000 VDC ...	Version
Order No.	<a href="#">2783170000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 2 A
GTIN (EAN)	4064675059691	
Qty.	10 pc(s).	
Type	FUSE 10X38 8A 1000 VDC ...	Version
Order No.	<a href="#">2783220000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 8 A
GTIN (EAN)	4064675059943	
Qty.	10 pc(s).	



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## Accessories

Type	FUSE 10X38 20A 1000 VDC ...	Version
Order No.	<a href="#">2783280000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 20 A
GTIN (EAN)	4064675060000	
Qty.	10 pc(s).	
Type	FUSE 10X38 5A 1000 VDC ...	Version
Order No.	<a href="#">2783200000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 5 A
GTIN (EAN)	4064675059929	
Qty.	10 pc(s).	
Type	FUSE 10X38 12A 1000 VDC ...	Version
Order No.	<a href="#">2783240000</a>	Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 12 A
GTIN (EAN)	4064675059967	
Qty.	10 pc(s).	

## Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	ESG 6/15 K MC NE WS	Version
Order No.	<a href="#">1880100000</a>	ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248478781	
Qty.	200 pc(s).	

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## Accessories

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

## W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

## General ordering data

Type	WEW 35/2 GR	Version
Order No.	<a href="#">1859200000</a>	End bracket, Wemid, grey, Rail: TS 35, when screwed in
GTIN (EAN)	4032248411658	
Qty.	100 pc(s).	
Type	WEW 35/2 SW	Version
Order No.	<a href="#">1061210000</a>	End bracket, Wemid, black, Rail: TS 35, when screwed in
GTIN (EAN)	4032248136278	
Qty.	50 pc(s).	
Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	
Type	WEW 35/2 VO GF SW	Version
Order No.	<a href="#">1479000000</a>	End bracket, Wemid, black, Rail: TS 35, when screwed in
GTIN (EAN)	4050118286779	
Qty.	50 pc(s).	