

## WSI 25 10X85 1.5KV

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 <sup>2</sup> , 32 A, 1500 V, Number of connections: 2, Number of levels: 1, TS 35
Order No.	<a href="#">2469360000</a>
Type	WSI 25 10X85 1.5KV
GTIN (EAN)	4050118517965
Qty.	5 items
Delivery status	This article will no longer be available in the future.
Available until	2021-12-31T00:00:00+01:00
Alternative product	<a href="#">FUSEHOLDER WSFH 10X85 1K5V</a>

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UL) E355388

## Dimensions and weights

Depth	65 mm	Depth (inches)	2.5591 inch
Height	130 mm	Height (inches)	5.1181 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Net weight	87.3 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	125 °C

## Environmental Product Compliance

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

## Material data

Basic material	PA	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	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

With snap-in pegs	No	Open sides	closed
Snap-on	No	Type of fixing	Snap-on
Installation advice	TS 35	Explosion-tested version	No
Type of mounting	Snap-on		

## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A7
Wire connection cross section AWG, max.	AWG 4
Connection direction	on side
Tightening torque, max.	2.5 Nm
Tightening torque, min.	2 Nm
Stripping length	11 mm
Type of connection	Screw connection

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## Technical data

Number of connections	2			
Clamping range, max.	25 mm <sup>2</sup>			
Clamping range, min.	0.75 mm <sup>2</sup>			
Clamping screw	M 5			
Blade size	Gr. PZ2			
Wire connection cross section AWG, min.	AWG 18			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.75 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.75 mm <sup>2</sup>			
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.75 mm <sup>2</sup>			
Connection cross-section, stranded, max.	25 mm <sup>2</sup>			
Connection cross-section, stranded, min.	0.75 mm <sup>2</sup>			
Wire connection cross-section, solid core, min.	0.75 mm <sup>2</sup>			
Connection cross-section, finely stranded, min.	0.75 mm <sup>2</sup>			
Clampable conductor	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
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	0.75 mm <sup>2</sup>	
max.		16 mm <sup>2</sup>		
nominal		16 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	

## General

Wire connection cross section AWG, max.	AWG 4	Installation advice	TS 35
Wire connection cross section AWG, min.	AWG 18	Standards	IEC 60269-6
Mounting rail	TS 35		

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## Technical data

### Rating data

Rated cross-section	25 mm <sup>2</sup>	Rated voltage	1500 V
Rated voltage to adjoining terminal	1500 V	Rated AC voltage	1000 V
Rated DC voltage	1500 V	Nominal current	32 A
Current at maximum wires	32 A	Standards	IEC 60269-6
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	Surge voltage category	III
Pollution severity	3		

### UL rating data

Certificate No. (UL)	E355388
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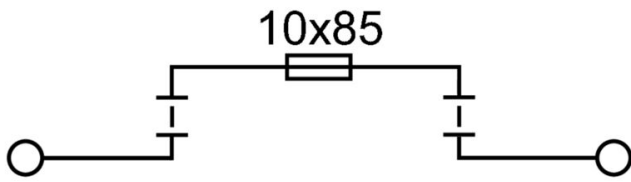
### Important note

Product information	Impulse voltage up to 12kV tested.
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### 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		

**Drawings**



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## Accessories

### Crosshead screwdriver, Pozidrive



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900, IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

#### General ordering data

Type	SDIK PZ2 SL	Version	
Order No.	<a href="#">1274740000</a>	Screwdriver, Screwdriver	
GTIN (EAN)	4050118073218		
Qty.	1 ST		

### Crosshead screwdriver Pozidriv



Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

#### General ordering data

Type	SDK PZ2	Version	
Order No.	<a href="#">9008540000</a>	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056538		
Qty.	1 ST		

### 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 ST		

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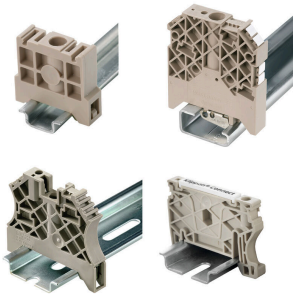
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## Accessories

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

## End bracket

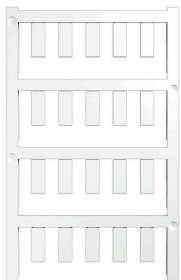


Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

## General ordering data

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

## 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 ST	
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, white
GTIN (EAN)	4050118040463	
Qty.	250 ST	

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## Accessories

### End bracket



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### General ordering data

Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4008190030230	
Qty.	50 ST	
Type	WEW 35/2 GR	Version
Order No.	<a href="#">1859200000</a>	End bracket, grey, TS 35, V-2, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4032248411658	
Qty.	50 ST	
Type	WEW 35/2 SW	Version
Order No.	<a href="#">1061210000</a>	End bracket, black, TS 35, V-2, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4032248136278	
Qty.	50 ST	
Type	WEW 35/2 VO GF SW	Version
Order No.	<a href="#">1479000000</a>	End bracket, black, TS 35, V-0, Wemid, Width: 8 mm, 130 °C
GTIN (EAN)	4050118286779	
Qty.	50 ST	