

## WSI 6

**Weidmüller Interface GmbH & Co. KG**

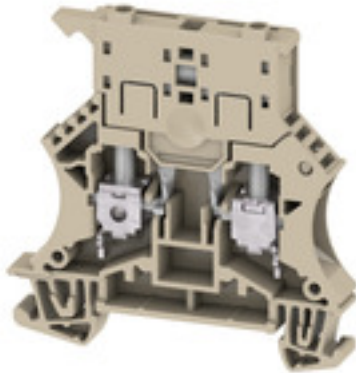
Klingenbergstraße 26

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	W-Series, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup>
Order No.	<a href="#">2562730000</a>
Type	WSI 6
GTIN (EAN)	4050118571509
Qty.	50 Stück

Erstellungs-Datum May 25, 2023 2:57:07 PM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Depth	61 mm	Depth (inches)	2.402 inch
Depth including DIN rail	62 mm	Height	60 mm
Height (inches)	2.362 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	18.36 g

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

### Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

### Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1389U	Certificate No. (IECEX)	IECEXUL14.0097U
Max. voltage (ATEX)	500 V	Current (ATEX)	6.3 A
Wire cross section max. (ATEX)	10 mm <sup>2</sup>	Max. voltage (IECEX)	500 V
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	10 mm <sup>2</sup>

### System specifications

Version	Screw connection, Fuse isolator, for screwable cross-connection, One end without connector	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

### Additional technical data

Open sides	right	Type of mounting	Snap-on
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### Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm
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Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm <sup>2</sup>	
		max.	10 mm <sup>2</sup>	
		nominal	6 mm <sup>2</sup>	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
	max.		1.6 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.	10 mm <sup>2</sup>		
	nominal	6 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Recommended wire-end ferrule			
Connection specification		Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	0.5 mm <sup>2</sup>		
	max.	10 mm <sup>2</sup>		
	nominal	6 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	0.8 Nm	
max.		1.6 Nm		
Recommended wire-end ferrule				
Clamping range, max.	10 mm <sup>2</sup>			
Clamping range, min.	0.5 mm <sup>2</sup>			
Clamping screw	M 3.5			
Connection cross-section, stranded, max.	10 mm <sup>2</sup>			
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>			
Connection direction	on side			
Gauge to IEC 60947-1	A5			
Number of connections	2			
Stripping length	12 mm			
Tightening torque, max.	1.6 Nm			
Tightening torque, min.	0.8 Nm			
Torque level with DMS electric screwdriver	3			
Wire connection cross section AWG, max.	AWG 8			
Wire connection cross section AWG, min.	AWG 20			
Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm <sup>2</sup>			

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

### Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Without LED
Operating voltage, max.	250 V		

### General

Rail	TS 35	Standards	IEC 60947-7-3
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 20

### Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-3
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.31 W		

### UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	9.5 A
Voltage size C (UR)	600 V		

### 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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## Technische Daten

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">IECEX Certificate</a> <a href="#">AEx ec Certificate</a> <a href="#">POLSKIREJ certificate</a> <a href="#">EAC EX Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">UKCA declaration of conformity</a>
User Documentation	<a href="#">NTI WSI 6</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">Marking options on WSI 6 terminal blocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Zeichnungen**

