

**WSI 4****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: 4 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">1886580000</a>
Type	WSI 4
GTIN (EAN)	4032248492060
Qty.	50 pc(s).

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## Technical data

## Dimensions and weights

Depth	42.5 mm	Depth (inches)	1.673 inch
Depth including DIN rail	54 mm	Height	50.7 mm
Height (inches)	1.996 inch	Width	8 mm
Width (inches)	0.315 inch	Net weight	11.08 g

## Temperatures

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

## Material data

Material	Wemid	Colour	black
UL 94 flammability rating	V-0		

## System specifications

Version	Screw connection, Fuse isolator, 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)

Cross-section for connected wire, solid, two clampable wires, max.	1.5 mm <sup>2</sup>	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm <sup>2</sup>

## Additional technical data

Number of similar terminals	1	Type of mounting	Snap-on
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## CSA rating data

Certificate No. (CSA)	200039-1575489	Current size C (CSA)	15 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG		

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 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.	4 mm <sup>2</sup>	
		nominal	4 mm <sup>2</sup>	
	wire end ferrule	Stripping length	min.	8 mm
			max.	8 mm
			nominal	8 mm
		Tightening torque	min.	0.4 Nm
	max.		0.4 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.	4 mm <sup>2</sup>		
	nominal	4 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	8 mm	
		max.	8 mm	
		nominal	8 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.4 Nm		
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.	4 mm <sup>2</sup>		
	nominal	4 mm <sup>2</sup>		
wire end ferrule	Stripping length	min.	8 mm	
		max.	8 mm	
		nominal	8 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.4 Nm		
Recommended wire-end ferrule				
Clamping range, max.	4 mm <sup>2</sup>			
Clamping range, min.	0.5 mm <sup>2</sup>			
Clamping screw	M 3			
Connection cross-section, stranded, max.	4 mm <sup>2</sup>			
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>			
Connection direction	on side			
Gauge to IEC 60947-1	A3			
Number of connections	2			
Stripping length	8 mm			
Tightening torque, max.	0.4 Nm			
Tightening torque, min.	0.4 Nm			
Torque level with DMS electric screwdriver	2			
Type of connection	Screw connection			
Wire connection cross section AWG, max.	AWG 12			
Wire connection cross section AWG, min.	AWG 22			
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>			

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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>
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Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
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Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>
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## Dimensions

TS 35 offset	32.5 mm
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## Display element

Operating voltage for display, max.	500 V
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## Fuse terminals

Cartridge fuse	G-Si. 5 x 20
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Fuse holder (cartridge holder)	Pivoting
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Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 23°C
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Power loss for short-circuit protection only for a composite arrangement	2.5 W at 6.3 A @ 47°C
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Display	Without LED
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Operating voltage, max.	250 V
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Power loss for overload and short-circuit protection for an individual arrangement	1.6 W at 6.3 A @ 34°C
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Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 63°C
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## General

Rail	TS 35
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Wire connection cross section AWG, max.	AWG 12
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Standards	IEC 60947-7-3
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Wire connection cross section AWG, min.	AWG 22
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## Rating data

Rated cross-section	4 mm <sup>2</sup>
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Rated voltage to adjoining terminal	500 V
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Rated current	6.3 A
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Standards	IEC 60947-7-3
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Rated impulse withstand voltage	6 kV
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Pollution severity	3
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Rated voltage	500 V
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Rated DC voltage	500 V
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Current at maximum wires	6.3 A
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Volume resistance according to IEC 60947-7-x	1 mΩ
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Power loss in accordance with IEC 60947-7-x	1.02 W
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## UL rating data

Certificate No. (cURus)	E60693
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Conductor size Factory wiring min. (cURus)	30 AWG
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Conductor size Field wiring min. (cURus)	30 AWG
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Current size C (cURus)	15 A
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Voltage size C (cURus)	300 V
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Conductor size Factory wiring max. (cURus)	12 AWG
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Conductor size Field wiring max. (cURus)	12 AWG
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Current size B (cURus)	15 A
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Voltage size B (cURus)	300 V
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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

### 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. (cURus)	E60693

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">CB Test certificate</a> <a href="#">Lloyds Register Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">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**

