

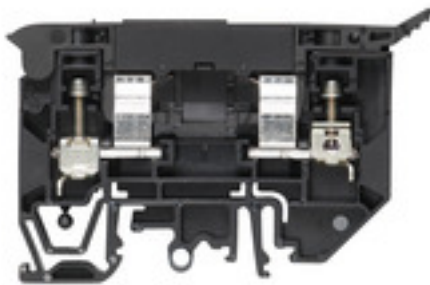
**WSI 4/2****Weidmüller Interface GmbH & Co. KG**

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	Fuse terminal, Screw connection, black, 4 mm <sup>2</sup> , 10 A, 500 V, Number of connections: 2, Number of levels: 1, TS 35, TS 32, V-0, Wemid, 6.3 x 32 mm (1/4 x 1 1/4")
Order No.	<a href="#">1880430000</a>
Type	WSI 4/2
GTIN (EAN)	4032248541928
Qty.	25 pc(s).

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Catalogue status 26.11.2024 / We reserve the right to make technical changes.

## WSI 4/2

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## Technical data

## Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.106 inch
Depth including DIN rail	46 mm	Height	81.6 mm
Height (inches)	3.213 inch	Width	9.1 mm
Width (inches)	0.358 inch	Net weight	21.76 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, 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, TS 32	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 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	Open sides	right
Type of mounting	Snap-on		

## 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)	10 AWG
Wire cross section min. (CSA)	30 AWG		

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Blade size 0.6 x 3.5 mm

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## Technical data

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.	6 mm <sup>2</sup>		
	nominal	4 mm <sup>2</sup>			
		wire end ferrule	Stripping length	min.	11 mm
				max.	11 mm
	nominal			11 mm	
	Tightening torque	min.	0.5 Nm		
		max.	0.8 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.	6 mm <sup>2</sup>			
nominal	4 mm <sup>2</sup>				
	wire end ferrule	Stripping length	min.	11 mm	
			max.	11 mm	
nominal			11 mm		
Tightening torque	min.	0.5 Nm			
	max.	0.8 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.	6 mm <sup>2</sup>			
nominal	4 mm <sup>2</sup>				
	wire end ferrule	Stripping length	min.	11 mm	
			max.	11 mm	
nominal			11 mm		
Tightening torque	min.	0.5 Nm			
	max.	0.8 Nm			
Recommended wire-end ferrule					
Clamping range, max.	6 mm <sup>2</sup>				
Clamping range, min.	0.5 mm <sup>2</sup>				
Clamping screw	M 3				
Connection cross-section, stranded, max.	6 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	10 mm				
Tightening torque, max.	0.8 Nm				
Tightening torque, min.	0.5 Nm				
Torque level with DMS electric screw-driver	2				
Type of connection	Screw connection				
Type of connection 2	Screw connection				
Wire connection cross section AWG, max.	AWG 10				
Wire connection cross section AWG, min.	AWG 22				
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>				

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## Technical data

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

## Dimensions

TS 15 offset	32 mm	TS 32 offset	38 mm
TS 35 offset	38 mm		

## Display element

Type of voltage for indicator	AC/DC
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## Fuse terminals

Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")	Display	Without LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	250 V
Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 1.0 A @ 41°C	Power loss for short-circuit protection only for a composite arrangement	2.5 W at 2.5 A @ 68°C
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 10 A @ 55°C	Type of voltage for indicator	AC/DC

## General

Rail	TS 35, TS 32	Standards	IEC 60947-7-3
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 22

## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Rated current	10 A	Current at maximum wires	10 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

## UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	30 AWG	Current size B (cURus)	15 A
Current size C (cURus)	15 A	Voltage size B (cURus)	300 V
Voltage size C (cURus)	300 V		

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**Technical data**

**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
ECLASS 14.0	27-25-01-13		

**Environmental Product Compliance**

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

**Important note**

Product information	The voltage depends on the selected fuse element or the selected indicator light
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**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="#">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>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

