

## WSI 4/2/LD 140-250V AC/DC

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

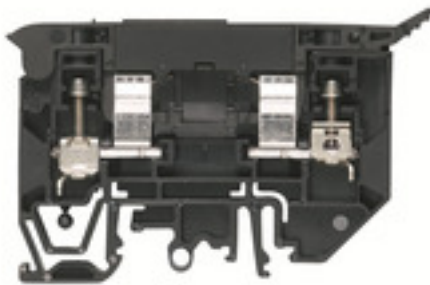
Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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="#">1880390000</a>
Type	WSI 4/2/LD 140-250V AC/DC
GTIN (EAN)	4032248544660
Qty.	25 pc(s).

**WSI 4/2/LD 140-250V AC/DC**

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmuller.com

www.weidmuller.com

**Technical data****Dimensions and weights**

Depth	53.5 mm	Depth (inches)	2.106 inch
Height	81.6 mm	Height (inches)	3.213 inch
Width	9.1 mm	Width (inches)	0.358 inch
Net weight	23.04 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, with LED, 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	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	30 AWG		

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm
------------	--------------

## WSI 4/2/LD 140-250V AC/DC

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

## 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 screwdriver	2			
Type of connection	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>			
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>			

Creation date March 6, 2023 6:50:02 PM CET

## WSI 4/2/LD 140-250V AC/DC

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

## Technical data

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 35 offset	25 mm
--------------	-------

## Display element

Operating voltage for display, max.	500 V	Type of voltage for indicator	AC/DC
-------------------------------------	-------	-------------------------------	-------

## Fuse terminals

Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")	Display	Red 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	250 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	1 mΩ	Rated impulse withstand voltage	6 V
Power loss in accordance with IEC 60947-7-x	1.02 W		

## 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		

## 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

Creation date March 6, 2023 6:50:02 PM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

**WSI 4/2/LD 140-250V AC/DC**

**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

[info@weidmueller.com](mailto:info@weidmueller.com)

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data**

**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="#">EAC certificate</a> <a href="#">Lloyds Register Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

**WSI 4/2/LD 140-250V AC/DC**

**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

[info@weidmueller.com](mailto:info@weidmueller.com)

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

