

## WSI 6/2/LD 250AC LLC

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

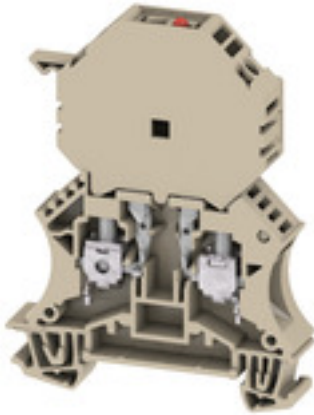
Tel. +49 5231 14-0

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: 6 mm <sup>2</sup> , Screw connection
Order No.	<a href="#">1119790000</a>
Type	WSI 6/2/LD 250AC LLC
GTIN (EAN)	4032248964741
Qty.	25 pc(s).

## WSI 6/2/LD 250AC LLC

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

## Technical data

### Dimensions and weights

Depth	78.5 mm	Depth (inches)	3.091 inch
Depth including DIN rail	79.5 mm	Height	60 mm
Height (inches)	2.362 inch	Width	11.9 mm
Width (inches)	0.469 inch	Net weight	26.52 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	dark beige
UL 94 flammability rating	V-0		

### System specifications

Version	Screw connection, Fuse isolator, with LED, 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

### 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.	2.5 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.	2.5 mm <sup>2</sup>

### Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

### CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

### Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm
------------	--------------

**WSI 6/2/LD 250AC LLC**

**Weidmüller Interfaces GmbH & 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.	10 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	
Tightening torque	min.	0.8 Nm		
	max.	1.6 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.	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			
Tightening torque, max.	1.6 Nm			
Tightening torque, min.	0.8 Nm			
Torque level with DMS electric screwdriver	3			
Type of connection	Screw connection			
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>			

## WSI 6/2/LD 250AC LLC

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.	6 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, 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>
---	---------------------

## Display element

Type of voltage for indicator	AC
-------------------------------	----

## Fuse terminals

Cartridge fuse	G-Si. 1 x 1/4	Display	Red LED
Fuse holder (cartridge holder)	Pivoting	Leakage current, max.	0.083 mA
Operating voltage, max.	250 V	Type of voltage for indicator	AC

## 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	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	0.78 mΩ	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

## 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		

## 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
---------------------	--

**Data sheet**

**WSI 6/2/LD 250AC LLC**

**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**

**Approvals**

Approvals



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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">EAC 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="#">Beipackzettel_WSI6_WSI6_2_LLC.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

**WSI 6/2/LD 250AC LLC**

**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**

