

## WSI 4/LD 10-36V AC/DC

Weidmüller Interface GmbH & Co. KG

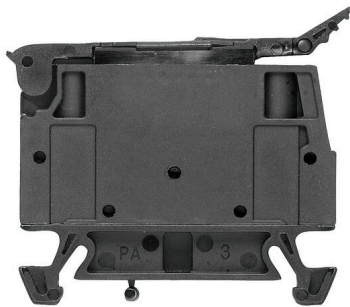
Klingenbergstraße 26

D-32758 Detmold

Germany

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

### Product image



Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload –ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

### General ordering data

Version	Fuse terminal, Screw connection, black, 4 mm <sup>2</sup> , 6.3 A, 36 V, Number of connections: 2, Number of levels: 1, TS 35
Order No.	<a href="#">1886590000</a>
Type	WSI 4/LD 10-36V AC/DC
GTIN (EAN)	4032248492077
Qty.	50 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

## Dimensions and weights

Depth	42.5 mm	Depth (inches)	1.6732 inch
Height	50.7 mm	Height (inches)	1.9961 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	10.07 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
REACH SVHC	No SVHC above 0.1 wt%

## Material data

Basic material	Wemid	Colour	black
UL 94 flammability rating	V-0		

## System specifications

Version	Screw connection, Fuse isolator, with LED, 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
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

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

Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-1575489
Wire cross section min. (CSA)	30 AWG		

## Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

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## Technical data

### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3
Wire connection cross section AWG, max.	AWG 12
Connection direction	on side
Tightening torque, max.	0.4 Nm
Tightening torque, min.	0.4 Nm
Stripping length	8 mm
Type of connection 2	Tension-clamp connection
Type of connection	Screw connection
Number of connections	2
Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Torque level with DMS electric screwdriver	2
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

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		
Clampable conductor	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	

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**Technical data**

		Tightening torque	min. 0.4 Nm
			max. 0.4 Nm
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

**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Fuse holder (cartridge holder)	for screw fixing
Type of voltage for indicator	AC/DC	Display	LED
Operating voltage, max.	36 V	Power loss for short-circuit protection only for a composite arrangement	2.5 W at 6.3 A @ 47°C
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 63°C	Power loss, 1-pole ; 2-pole ; 3-pole	
Permitted power loss for fuse with semiconductor protection		Power loss for overload and short-circuit protection for an individual arrangement	1.6 W at 6.3 A @ 34°C
Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 23°C		

**General**

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-3	Mounting rail	TS 35

**Rating data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	36 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	36 V
Nominal 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
Power loss in accordance with IEC 60947-7-x	1.02 W		

**UL rating data**

Conductor size Factory wiring max. (cURus)	12 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	30 AWG	Conductor size Factory wiring min. (cURus)	30 AWG
Conductor size Field wiring max. (cURus)	12 AWG		

**Important note**

Product information	The voltage depends on the selected fuse element or the selected indicator light
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**Classifications**

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

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**Drawings**

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