

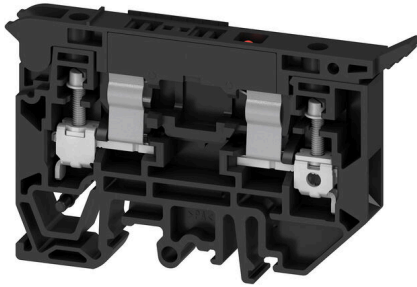
**WSI 4/2/LD 24VAC/DC C1D****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, 24 V, Number of connections: 2, Number of levels: 1, TS 35, TS 32
Order No.	<a href="#">7940022563</a>
Type	WSI 4/2/LD 24VAC/DC C1D
GTIN (EAN)	4064675261117
Qty.	1 items

## WSI 4/2/LD 24VAC/DC C1D

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## Technical data

## Approvals

Approvals



## Dimensions and weights

Depth	53.5 mm	Depth (inches)	2.1063 inch
Height	81.6 mm	Height (inches)	3.2126 inch
Width	9.1 mm	Width (inches)	0.3583 inch
Net weight	1 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. 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
Mounting rail	TS 35, TS 32	N-function	No
PE function	No	PEN function	No

## Additional technical data

Open sides	right	Type of mounting	Snap-on
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## Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 10
Type of connection	Screw connection
Number of connections	2
Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm <sup>2</sup>

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.13 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.13 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.13 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.		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		
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		
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		

### Fuse terminals

Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")	Power loss, 1-pole ; 2-pole ; 3-pole
Permitted power loss for fuse with semiconductor protection		

### General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Mounting rail	TS 35, TS 32		

### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	24 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	24 V

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**Technical data**

Nominal current	6.3 A	Current at maximum wires	6.3 A
Volume resistance according to IEC 60947-7-x	1 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 W

**Important note**

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

**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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