

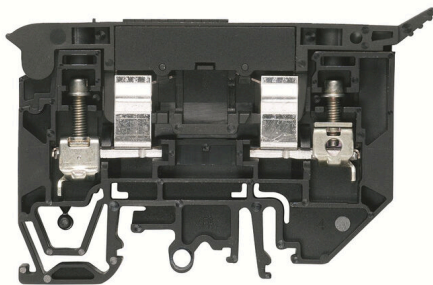
WSI 4/2/LD 140-250V AC/DC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 ² , 10 A, 250 V, Number of connections: 2, Number of levels: 1, TS 35, TS 32
Order No.	1880390000
Type	WSI 4/2/LD 140-250V AC/DC
GTIN (EAN)	4032248544660
Qty.	25 items

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

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	20.27 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	Number of similar terminals	1
Type of mounting	Snap-on		

CSA rating data

Wire cross section max. (CSA)	10 AWG	Certificate No. (CSA)	200039-1575489
Wire cross section min. (CSA)	30 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3
Wire connection cross section AWG, max.	AWG 10
Connection direction	on side
Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.5 Nm
Stripping length	10 mm
Type of connection 2	Screw connection
Type of connection	Screw connection
Number of connections	2
Clamping range, max.	6 mm ²
Clamping range, min.	0.5 mm ²
Clamping screw	M 3
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 ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²
Torque level with DMS electric screwdriver	2
Wire connection cross-section, solid core, max.	6 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²
Connection cross-section, finely stranded, min.	0.5 mm ²

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
min.		0.5 mm ²		
max.		6 mm ²		
nominal		4 mm ²		
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 ²		
	max.	6 mm ²		
	nominal	4 mm ²		
wire end ferrule	Stripping length	min.	11 mm	
		max.	11 mm	
		nominal	11 mm	

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		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 ²	
	max.	6 mm ²	
	nominal	4 mm ²	
wire end ferrule	Stripping length	min.	11 mm
		max.	11 mm
		nominal	11 mm
	Tightening torque	min.	0.5 Nm
max.		0.8 Nm	

Dimensions

TS 35 offset	25 mm
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Fuse terminals

Cartridge fuse	6.3 x 32 mm (1/4 x 1 1/4")	Fuse holder (cartridge holder)	Pivoting
Type of voltage for indicator	AC/DC	Display	Red LED
Operating voltage, max.	250 V	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	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 a composite arrangement	1.6 W at 1.0 A @ 41°C

General

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

Rating data

Rated cross-section	4 mm ²	Rated voltage	250 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	250 V
Nominal 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 V	Power loss in accordance with IEC 60947-7-x	1.02 W

UL rating data

Conductor size Factory wiring max. (cURus)	10 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)	10 AWG		

Important note

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

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		

