

WSI 25/2 CC/LED

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, dark beige, 25 mm ² , 32 A, 690 V, Number of connections: 4, Number of levels: 1, TS 35
Order No.	1444210000
Type	WSI 25/2 CC/LED
GTIN (EAN)	4050118249293
Qty.	6 items

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E175322

Dimensions and weights

Depth	58 mm	Depth (inches)	2.2835 inch
Height	81 mm	Height (inches)	3.189 inch
Width	36 mm	Width (inches)	1.4173 inch
Net weight	91.52 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 without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	PA 66/6	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

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

Type of mounting	Snap-on
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CSA rating data

Wire cross section max. (CSA)	3 AWG	Certificate No. (CSA)	238018-1868186
Wire cross section min. (CSA)	18 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4			
Stripping length	11 mm			
Type of connection 2	Screw connection			
Type of connection	Screw connection			
Number of connections	4			
Clamping range, max.	25 mm ²			
Clamping range, min.	1.5 mm ²			
Wire connection cross section AWG, min.	AWG 18			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	25 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	25 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²			
Wire connection cross section, finely stranded, max.	25 mm ²			
Wire connection cross section, finely stranded, min.	1.5 mm ²			
Connection cross-section, stranded, max.	25 mm ²			
Connection cross-section, stranded, min.	1.5 mm ²			
Wire connection cross-section, solid core, max.	25 mm ²			
Wire connection cross-section, solid core, min.	1.5 mm ²			
Connection cross-section, finely stranded, min.	1.5 mm ²			
Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	1.5 mm ²	
		max.	25 mm ²	
		nominal	25 mm ²	
	wire end ferrule	Stripping length	min.	11 mm
			max.	11 mm
			nominal	11 mm
		Tightening torque	min.	2 Nm
			max.	2.5 Nm
			Connection specification	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm ²	
		max.	25 mm ²	
		nominal	25 mm ²	
	wire end ferrule	Stripping length	min.	11 mm
			max.	11 mm
			nominal	11 mm
Tightening torque		min.	2 Nm	
		max.	2.5 Nm	
		Connection specification		Screw connection
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	1.5 mm ²		

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wire end ferrule	max.	25 mm ²	
	nominal	25 mm ²	
	Stripping length	min.	11 mm
		max.	11 mm
		nominal	11 mm
	Tightening torque	min.	2 Nm
max.		2.5 Nm	

Fuse terminals

Cartridge fuse	max. 3W for gG/gL max. 1.2W for aM	Fuse holder (cartridge holder)	Pivoting
Type of voltage for indicator	AC/DC	Power loss, 1-pole ; 2-pole ; 3-pole	
Permitted power loss for fuse with semiconductor protection			

General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Standards	IEC 60947-7-3	Mounting rail	TS 35

Rating data

Rated cross-section	25 mm ²	Rated voltage	690 V
Rated voltage to adjoining terminal	690 V	Rated DC voltage	690 V
Nominal current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	0.32 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	3.23 W
Pollution severity	3		

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		

Drawings

