

WSI 25/2 CC/LED**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 25 mm ² , Screw connection
Order No.	1444210000
Type	WSI 25/2 CC/LED
GTIN (EAN)	4050118249293
Qty.	6 pc(s).

Creation date March 8, 2023 11:07:28 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	58 mm	Depth (inches)	2.283 inch
Height	81 mm	Height (inches)	3.189 inch
Width	36 mm	Width (inches)	1.417 inch
Net weight	104 g		

Temperatures

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

Material data

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

System specifications

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, two clampable wires, min.	0.75 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	10 mm ²
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Additional technical data

Type of mounting	Snap-on
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CSA rating data

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

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Technical data

Conductors for clamping (rated connection)

Clampable conductor		Connection specification		Screw connection		
Clampable conductor	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		
	Recommended wire-end ferrule					
	Clampable conductor	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		
Recommended wire-end ferrule						
Clampable conductor		Cross-section for conductor connection	Type	flexible, H05(07) V-K		
			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		
	Recommended wire-end ferrule					
	Number of connections	4				
	Stripping length	11 mm				
Type of connection	Screw connection					
Wire connection cross section AWG, max.	AWG 4					
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, solid core, max.	25 mm ²					
Wire connection cross-section, solid core, min.	1.5 mm ²					

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Technical data

Fuse terminals

Cartridge fuse	max. 3W for gG/gL max. 1.2W for aM	Fuse holder (cartridge holder)	Pivoting
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General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 18		

Rating data

Rated cross-section	25 mm ²	Rated voltage	690 V
Rated voltage to adjoining terminal	690 V	Rated current	32 A
Current at maximum wires	32 A	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		

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
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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E175322

Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

Data sheet

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Drawings

