Data sheet

WSI 25/2 CC

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 mm², 32 A, 690 V, Number of connections: 4, Number of levels: 1, TS 35
Order No.	1966040000
Type	WSI 25/2 CC
GTIN (EAN)	4032248657780
Qty.	6 items

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Technical data

Approvals

Approvals	
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	90.49 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

Version	Screw connection, Fuse cartridge, in closed state	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	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	closed	Type of mounting	Snap-on

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
Connection direction	on side
Tightening torque, max.	2.5 Nm
Tightening torque, min.	2 Nm
Stripping length	11 mm
Type of connection 2	Screw connection
Type of connection	Screw connection
Number of connections	4
Clamping range, max.	25 mm²
Clamping range, min.	1.5 mm²
Wire connection cross section AWG, min.	AWG 18
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	25 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	25 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²
Wire connection cross section, finely stranded, max.	25 mm²
Wire connection cross section, finely stranded, min.	1.5 mm²
Connection cross-section, stranded, max.	25 mm²
Connection cross-section, stranded, min.	1.5 mm²
Wire connection cross-section, solid core, max.	25 mm²
Wire connection cross-section, solid core, min.	1.5 mm²
Connection cross-section, finely stranded, min.	1.5 mm²

Clampable conductor	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	1.5 mm²	
		max.	25 mm²	
		nominal	25 mm²	
	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	stranded, H07V-R	
		min.	1.5 mm²	
		max.	25 mm²	
		nominal	25 mm²	
	wire end ferrule	Stripping length	min.	11 mm
			max.	11 mm
			nominal	11 mm
		Tightening torque	min.	2 Nm
			max.	2.5 Nm

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Connection specification	Screw connection			
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	1.5 mm²		
	max.	25 mm²		
	nominal	25 mm²		
wire end ferrule	Stripping length	min.	11 mm	
		max.	11 mm	
		nominal	11 mm	
	Tightening torque	min.	2 Nm	
		max.	2.5 Nm	

Dimensions

TS 35 offset	40.5 mm

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 mm²	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

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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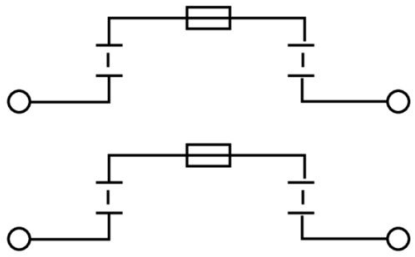
Drawings