

WSI 4/LD 30-70V AC/DC**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: 4 mm ² , Screw connection
Order No.	1886560000
Type	WSI 4/LD 30-70V AC/DC
GTIN (EAN)	4032248492046
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	42.5 mm	Depth (inches)	1.673 inch
Height	50.7 mm	Height (inches)	1.996 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	10.81 g		

Temperatures

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

Material data

Material	Wemid	Colour	black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Fuse isolator, with LED, in closed state	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
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, solid, two clampable wires, max.	1.5 mm ²	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²

Additional technical data

Number of similar terminals	1	Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	200039-1575489	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
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Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	0.5 mm ²		
		max.	4 mm ²		
		nominal	4 mm ²		
	wire end ferrule	Stripping length	min.	8 mm	
			max.	8 mm	
			nominal	8 mm	
		Tightening torque	min.	0.4 Nm	
			max.	0.4 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
		min.	1.5 mm ²		
		max.	4 mm ²		
		nominal	4 mm ²		
	wire end ferrule	Stripping length	min.	8 mm	
			max.	8 mm	
			nominal	8 mm	
		Tightening torque	min.	0.4 Nm	
			max.	0.4 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	flexible, H05(07) V-K		
		min.	0.5 mm ²		
		max.	4 mm ²		
		nominal	4 mm ²		
wire end ferrule	Stripping length	min.	8 mm		
		max.	8 mm		
		nominal	8 mm		
	Tightening torque	min.	0.4 Nm		
		max.	0.4 Nm		
	Recommended wire-end ferrule				
Clamping range, max.		4 mm ²			
Clamping range, min.		0.5 mm ²			
Clamping screw		M 2.5			
Connection cross-section, stranded, max.		4 mm ²			
Connection cross-section, stranded, min.		1.5 mm ²			
Connection direction		on side			
Gauge to IEC 60947-1		A3			
Number of connections		2			
Stripping length		8 mm			
Tightening torque, max.		0.4 Nm			
Tightening torque, min.		0.4 Nm			
Torque level with DMS electric screwdriver		2			
Type of connection		Screw connection			
Wire connection cross section AWG, max.		AWG 12			
Wire connection cross section AWG, min.		AWG 22			
Wire connection cross section, finely stranded, max.		4 mm ²			
Wire connection cross section, finely stranded, min.		0.5 mm ²			

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 2.5 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²

Wire connection cross-section, solid core, max. 4 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

Dimensions

TS 35 offset 25 mm

Display element

Operating voltage for display, max. 70 V Operating voltage for display, min. 30 V

Type of voltage for indicator AC/DC

Fuse terminals

Cartridge fuse G-Si. 5 x 20

Fuse holder (cartridge holder) for screw fixing

Power loss for overload and short-circuit protection for a composite arrangement 1.6 W at 6.3 A @ 23°C

Power loss for short-circuit protection only for a composite arrangement 2.5 W at 6.3 A @ 47°C

Type of voltage for indicator AC/DC

Display LED

Operating voltage, max. 70 V

Power loss for overload and short-circuit protection for an individual arrangement 1.6 W at 6.3 A @ 34°C

Power loss for short-circuit protection only for an individual arrangement 4.0 W at 6.3 A @ 63°C

General

Rail TS 35

Wire connection cross section AWG, max. AWG 12

Standards IEC 60947-7-3

Wire connection cross section AWG, min. AWG 22

Rating data

Rated cross-section 4 mm²

Rated voltage to adjoining terminal 500 V

Current at maximum wires 6.3 A

Volume resistance according to IEC 60947-7-x 1 mΩ

Rated voltage 70 V

Rated current 6.3 A

Standards IEC 60947-7-3

Power loss in accordance with IEC 60947-7-x 1.02 W

UL rating data

Certificate No. (cURus) E60693

Conductor size Factory wiring min. (cURus) 30 AWG

Conductor size Field wiring min. (cURus) 30 AWG

Conductor size Factory wiring max. (cURus) 12 AWG

Conductor size Field wiring max. (cURus) 12 AWG

Classifications

ETIM 6.0 EC000899

ETIM 8.0 EC000899

ECLASS 9.1 27-14-11-16

ECLASS 11.0 27-14-11-16

ETIM 7.0 EC000899

ECLASS 9.0 27-14-11-16

ECLASS 10.0 27-14-11-16

ECLASS 12.0 27-14-11-16

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate CB Test certificate EAC certificate Lloyds Register Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

