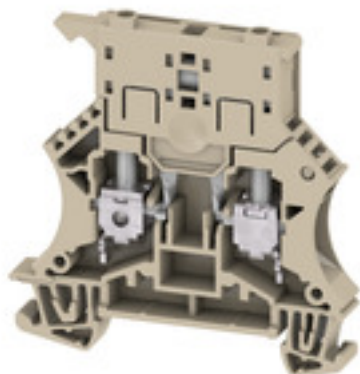


WSI 6/LD 10-36V LLC**Weidmüller Interface GmbH & Co. KG**

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	Fuse terminal, Screw connection, dark beige, 6 mm ² , 6.3 A, 36 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid, G-Si. 5 x 20
Order No.	2562740000
Type	WSI 6/LD 10-36V LLC
GTIN (EAN)	4050118571516
Qty.	50 pièce(s)

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Caractéristiques techniques**Dimensions and weights**

Depth	71,5 mm	Depth (inches)	2,815 inch
Depth including DIN rail	72 mm	Height	60 mm
Height (inches)	2,362 inch	Width	7,9 mm
Width (inches)	0,311 inch	Net weight	20,56 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1389U	Certificate No. (IECEX)	IECEXUL14.0097U
Max. voltage (ATEX)	500 V	Current (ATEX)	6.3 A
Wire cross section max. (ATEX)	10 mm ²	Max. voltage (IECEX)	500 V
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	10 mm ²
Marking EN 60079-7	Ex ec II C Gc	Ex 2014/34/EU label	II 3 G

System specifications

Version	Screw connection, Fuse isolator, with LED, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	right	Type of mounting	Snap-on
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Conductors for clamping (additional connection)

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

Blade size	0.8 x 4.0 mm
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Caractéristiques techniques

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0,5 mm ²	
		max.	10 mm ²	
		nominal	6 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0,8 Nm
			max.	1,6 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1,5 mm ²	
		max.	10 mm ²	
		nominal	6 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0,8 Nm
			max.	1,6 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.	10 mm ²		
	nominal	6 mm ²		
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	0,8 Nm	
		max.	1,6 Nm	
	Recommended wire-end ferrule			
Clamping range, max.		10 mm ²		
Clamping range, min.		0,5 mm ²		
Clamping screw		M 3.5		
Connection cross-section, stranded, max.		10 mm ²		
Connection cross-section, stranded, min.		1,5 mm ²		
Connection direction		on side		
Gauge to IEC 60947-1		A5		
Number of connections		2		
Stripping length		12 mm		
Tightening torque, max.		1,6 Nm		
Tightening torque, min.		0,8 Nm		
Torque level with DMS electric screwdriver		3		
Type of connection		Screw connection		
Type of connection 2		Screw connection		
Wire connection cross section AWG, max.		AWG 8		
Wire connection cross section AWG, min.		AWG 20		
Wire connection cross section, finely stranded, max.		10 mm ²		

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Caractéristiques techniques

Wire connection cross section, finely stranded, min.	0,5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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 with wire-end ferrules DIN 46228/4, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0,5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0,5 mm ²

Display element

Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Leakage current, max.	0,286 mA	Operating voltage, max.	36 V
Type of voltage for indicator	AC/DC		

General

Rail	TS 35	Standards	IEC 60947-7-3
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 20

Rating data

Rated cross-section	6 mm ²	Rated voltage	36 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	36 V
Rated current	6,3 A	Current at maximum wires	6,3 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	0,78 mΩ
Power loss in accordance with IEC 60947-7-x	1,31 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	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	ECLASS 13.0	27-25-01-13
ECLASS 14.0	27-25-01-13		

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Caractéristiques techniques

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

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. (UR)	E60693
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate IECEx Certificate AEx ec Certificate CB Test certificate CCC Ex Certificate UKCA declaration of conformity
Engineering Data	CAD data – STEP
User Documentation	NTI WSI 6 StorageConditionsTerminalBlocks Marking options on WSI 6 terminal blocks
Catalogues	Catalogues in PDF-format

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Dessins

