

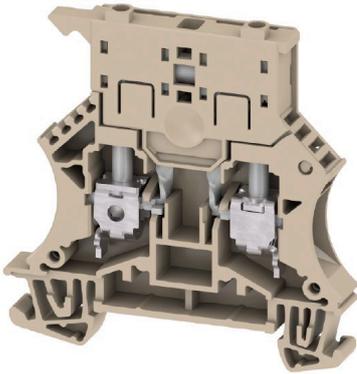
WSI 6**Weidmüller Interface GmbH & Co. KG**

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, 500 V, Number of connections: 2, Number of levels: 1, TS 35
Order No.	2562730000
Type	WSI 6
GTIN (EAN)	4050118571509
Qty.	50 items

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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	61 mm	Depth (inches)	2.4016 inch
Depth including DIN rail	62 mm	Height	60 mm
Height (inches)	2.3622 inch	Width	7.9 mm
Width (inches)	0.311 inch	Net weight	18.36 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

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

Material data

Basic 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
Ex 2014/34/EU label	II 3 G		

System specifications

Version	Screw connection, Fuse isolator, 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	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

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Additional technical data

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

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

Gauge to IEC 60947-1	A5			
Wire connection cross section AWG, max.	AWG 8			
Connection direction	on side			
Tightening torque, max.	1.6 Nm			
Tightening torque, min.	0.8 Nm			
Stripping length	12 mm			
Type of connection 2	Screw connection			
Type of connection	Screw connection			
Number of connections	2			
Clamping range, max.	10 mm ²			
Clamping range, min.	0.5 mm ²			
Clamping screw	M 3.5			
Blade size	0.8 x 4.0 mm			
Wire connection cross section AWG, min.	AWG 20			
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, 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, max.	10 mm ²			
Wire connection cross section, finely stranded, min.	0.5 mm ²			
Connection cross-section, stranded, max.	10 mm ²			
Connection cross-section, stranded, min.	0.5 mm ²			
Torque level with DMS electric screwdriver	3			
Wire connection cross-section, solid core, max.	10 mm ²			
Wire connection cross-section, solid core, min.	0.5 mm ²			
Connection cross-section, finely stranded, min.	0.5 mm ²			
Clampable conductor	Connection specification			
	Cross-section for conductor connection	Screw 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	

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		nominal	12 mm
	Tightening torque	min.	0.8 Nm
		max.	1.6 Nm
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
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

General

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

Rating data

Rated cross-section	6 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Nominal 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
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.31 W

UL rating data

Conductor size Factory wiring max. (UR)	8 AWG	Current size C (UR)	9.5 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	22 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	8 AWG		

Important note

Product information	The voltage depends on the selected fuse element or the selected indicator light
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Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	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
ECLASS 15.0	27-25-01-13		

Drawings

