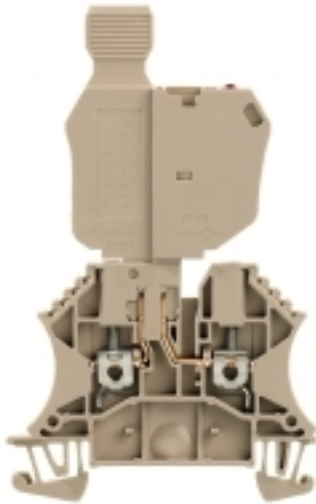


**W-Series  
WTR 2.5/SI LD 36V**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



The fuse terminals of the Weidmüller W Series are available in two different forms:

- Fuse terminal with pivoting retaining lever
- Fuse terminal with plug-in SIHA fuse holder

**General ordering data**

Type	WTR 2.5/SI LD 36V
Order No.	<a href="#">1763950000</a>
Version	W-Series, Fuse terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4032248107742
Qty.	25 pc(s).

## Data sheet

### W-Series WTR 2.5/SI LD 36V

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## Technical data

### Dimensions and weights

Width	5.1 mm	Height	60 mm
Depth	97 mm	Weight	999 g
Net weight	15.12 g		

### Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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### Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

### System specifications

Version	Screw connection, Fuse isolator, with LED, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of levels	1	No. of clamping points per level	2
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35		

### Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

### CSA rating data

Certificate No. (CSA)	154685-1152890	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

### Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm <sup>2</sup>
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**Technical data**
**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Clamping range, rated connection, min.	0.05 mm <sup>2</sup>	Clamping screw	M 2.5
Connection direction	on side	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>
Gauge to IEC 60947-1	A3	Number of connections	2
Stripping length	10 mm	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.4 Nm	Torque level with DMS electric screwdriver	1
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>	Wire connection cross section, solid core, min. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	4 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

**Fuse terminals**

Display	red LED	Fuse holder (cartridge holder)	pluggable
Operating voltage, max.	36 V	Permitted power loss for fuse with semiconductor protection	
Power loss, 1-pole ; 2-pole ; 3-pole			

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage to adjoining terminal	400 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	1.33 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG		

**Classifications**

ETIM 3.0	EC000899	ETIM 4.0	EC000899
ETIM 5.0	EC000899	ETIM 6.0	EC000899
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-16
eClass 6.2	27-14-11-16	eClass 7.1	27-14-11-16
eClass 8.1	27-14-11-16	eClass 9.0	27-14-11-16

**Data sheet****W-Series  
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**Technical data****Product information**

Descriptive text ordering data	UL/CSA specified for cartridge fuse 400 V; otherwise, the specified voltage range also applies to UL/CSA.
Descriptive text technical data	2.5 mm <sup>2</sup> conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).
Descriptive text accessories	Cross-connection options for WTR 2.5, see section on W-series Accessories.

**Approvals**

Approvals



ROHS

Conform