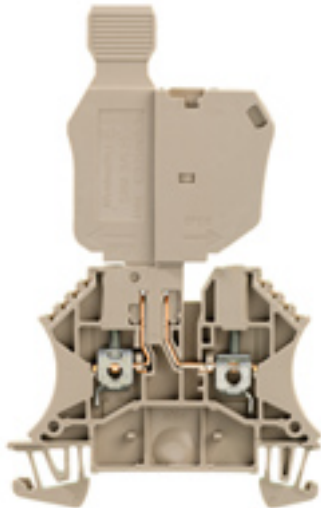


**W-Series
WTR 2.5/SI**

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
Order No.	1763940000
Version	W-Series, Fuse terminal, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4032248107735
Qty.	25 pc(s).

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Technische Daten

Dimensions and weights

Length	60 mm	Width	5.1 mm
Height	97 mm	Height of lowest version	97.5 mm
Weight	999 g	Net weight	14.72 g

Temperatures

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

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on
Version	Screw connection, Fuse isolator, for plug-in cross-connector, One end without connector		

CSA ratings data

Certificate No. (CSA)	154685-1152890	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Clampable wires (rated connection)

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

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Technische Daten

Rated data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	400 V
Rated impulse withstand voltage	6 kV	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-3
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size B (UR)	600 V
Voltage size C (UR)	600 V	Voltage size D (UR)	600 V
Current size B (UR)	10 A	Current size C (UR)	10 A
Current size D (UR)	5 A	Wire cross section max. (UR)	12 AWG
Wire cross section min. (UR)	30 AWG	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

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

System specifications

Product family	W-Series	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Fuse terminals

Display	Without LED	Fuse holder (cartridge holder)	pluggable
Operating voltage, max.	400 V		

Classifications

ETIM 3.0	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		

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 ² 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

Datenblatt

W-Series
WTR 2.5/SI

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Zeichnungen

