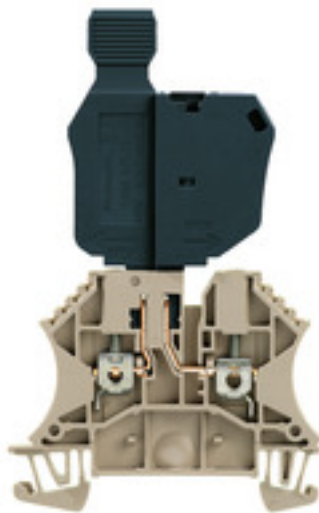


WTR 2.5/SI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

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

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Technical data

Dimensions and weights

Depth	97 mm	Depth (inches)	3.819 °C
Depth including DIN rail	97.5 mm	Height	60 mm
Height (inches)	2.362 °C	Width	5.1 mm
Width (inches)	0.201 °C	Weight	999 g
Net weight	14.72 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	dark beige
UL 94 flammability rating	V-0		

System specifications

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

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

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

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	Current size D (CSA)	10 A
Voltage size D (CSA)	300 V	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 Nm
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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
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Technical data

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 Nm	
		max.	4 Nm	
		nominal	2.5 Nm	
	wire end ferrule	Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Tightening torque	min.	0.4 inch
			max.	0.8 inch
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 Nm	
		max.	4 Nm	
		nominal	2.5 Nm	
	wire end ferrule	Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Tightening torque	min.	0.4 inch
			max.	0.8 inch
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	0.5 Nm	
		max.	4 Nm	
		nominal	2.5 Nm	
wire end ferrule	Stripping length	min.	10 mm	
		max.	10 mm	
		nominal	10 mm	
	Tightening torque	min.	0.4 inch	
		max.	0.8 inch	
	Recommended wire-end ferrule			
Clamping range, max.		4 Nm		
Clamping range, min.		0.05 Nm		
Clamping screw		M 2.5		
Connection cross-section, stranded, max.		4 Nm		
Connection cross-section, stranded, min.		1.5 Nm		
Connection direction		on side		
Gauge to IEC 60947-1		A3		
Number of connections		2		
Stripping length		10 mm		
Tightening torque, max.		0.8 inch		
Tightening torque, min.		0.4 inch		
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, max.		4 Nm		

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 Nm
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 Nm
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 Nm
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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 Nm
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Wire connection cross-section, solid core, max.	4 Nm
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Wire connection cross-section, solid core, min.	0.5 Nm
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Without LED
Fuse holder (cartridge holder)	pluggable	Operating voltage, max.	400 V

General

Rail	TS 35	Standards	IEC 60947-7-3
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	2.5 Nm	Rated voltage	250 V
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 °C	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	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	UL_current_Print	10 A
UL_voltage_Print	600 V	UL_wire_max_Print	12 A / 6 A / 10 A / 13 A / 15 A
UL_wire_min_Print	22 A / 6 A / 10 A / 13 A / 15 A		

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	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		

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate CB Test certificate EAC certificate Declaration of Conformity Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks Instruction sheet
Catalogues	Catalogues in PDF-format
Brochures	