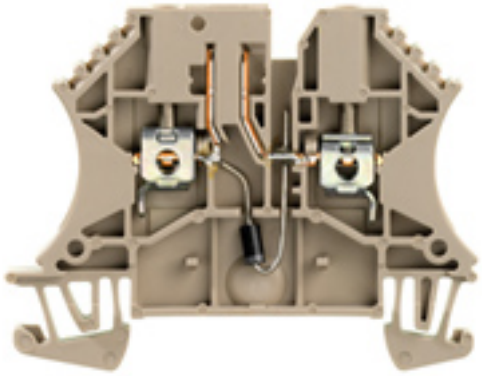
W-Series
WTR 2.5 D+ 2STB 6.9/2.3

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 versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal.
Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

Order No.	1961750000
Type	WTR 2.5 D+ 2STB 6.9/2.3
Version	W-Series, Test-disconnect terminal, Rated cross-section: 2.5 mm², Screw connection
GTIN (EAN)	4032248642496
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Length	60 mm	Width	5.1 mm
Height	48 mm	Height of lowest version	49 mm
Net weight	9.03 g		

Temperatures

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

2 clampable wires (H05V/H07V) same cross-section (rated connection)

Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm²

Additional technical data

Electronic component	Diode	Explosion-tested version	No
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, Disconnection element, with diode, with sockets, One end without connector

CSA ratings data

Certificate No. (CSA)	200039-1152890	Voltage size C (CSA)	300 V
Current size C (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

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.	0.13 mm²
Clamping range, rated connection, max.	4 mm²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Gauge to IEC 60947-1	A3	Wire connection cross section, solid core, max. rated connection	0.5 mm²
Wire connection cross section, solid core max. rated connection	4 mm²	Wire connection cross section, stranded, rated connection, min.	1.5 mm²
Wire connection cross section, finely stranded, max.	4 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

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Technical data

Dimensions

TS 35 offset	32 mm

Disconnect terminals

Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm

Rated data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	14 A
Current at maximum wires	14 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC68	Voltage size C (UR)	300 V
Current size C (UR)	20 A	Wire cross section max. (UR)	12 AWG
Wire cross section min. (UR)	30 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		

Classifications

ETIM 3.0	EC000902	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-26	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

Product information

Descriptive text ordering data	Conductor 2.5 mm² with wire end ferrule (WEF) only with diameter optimised WEF(Order No. 1333100000, VPE 500)
Descriptive text technical data	Only 250V allowed at the diode

Approvals

Approvals	
ROHS	Conform

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9456650000 2535780000 0303620000 1031470000 1289470000 1804580000