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.	<u>1964810000</u>
Туре	WTR 2.5 D- 2STB 6.9/2.3
Version	W-Series, Test-disconnect terminal, Rated cross- section: 2.5 mm ² , Screw connection
GTIN (EAN)	4032248651580
Qty.	25 pc(s).

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Technical data



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Longth	60 mm	Width	5.1 mm
Length Height	48 mm	Height of lowest version	5.1 mm 49 mm
Net weight	11 g		43 1111
Temperatures			
Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
2 clampable wires (H05V/H07	V) same cross-sect	ion (rated connection)	
Alina annu action annu ac stion finall.		Mire error continue finally stronglade type	
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm²
Wire connection cross section, finely		Wire connection cross section, finely	
stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²	stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²
· · ·	0.0 mm		
Additional technical data			
Electronic component	Diode	Explosion-tested version	No
Number of similar terminals	1	Open sides	right
Type of mounting		Version	Screw connection, Disconnection element, with diode, with sockets One end without
	Snap-on		connector
CSA ratings data	Snap-on		-
			connector
Certificate No. (CSA)	200039-1152890	Voltage size C (CSA)	connector 300 V
Certificate No. (CSA) Current size C (CSA)	200039-1152890 10 A	Voltage size C (CSA) Wire cross section max. (CSA)	connector
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA)	200039-1152890 10 A 26 AWG		connector 300 V
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA)	200039-1152890 10 A 26 AWG		connector 300 V
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne	200039-1152890 10 A 26 AWG	Wire cross section max. (CSA)	connector 300 V
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection	200039-1152890 10 A 26 AWG ction)		connector 300 V 12 AWG
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size	200039-1152890 10 A 26 AWG ction) Screw connection	Wire cross section max. (CSA) Stripping length	connector 300 V 12 AWG 10 mm on side
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2	Wire cross section max. (CSA) Stripping length Connection direction	connector 300 V 12 AWG 10 mm on side
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw	connector 300 V 12 AWG 10 mm on side 0.13 mm ²
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min.	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ²	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min.	connector 300 V 12 AWG 10 mm on side 0.13 mm ² M 3
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, strandeconection Wire connection cross section, strandeconection	300 V 12 AWG 10 mm on side 0.13 mm² M 3 0.6 Nm 0.5 mm² I,
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid core max. rated connection	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, strandec rated connection, min.	connector 300 V 12 AWG 10 mm on side 0.13 mm ² M 3 0.6 Nm 0.5 mm ²
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, strandeconection Wire connection cross section, strandeconection	300 V 12 AWG 10 mm on side 0.13 mm² M 3 0.6 Nm 0.5 mm² I,
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid core max. rated connection Wire connection cross section, finely stranded, max. Wire connection cross section, finely	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3 4 mm ²	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, stranded connection, min. Wire connection cross section, stranded connection, min. Wire connection cross section, finely stranded, min. Wire connection cross section, finely	300 V 12 AWG 10 mm on side 0.13 mm² M 3 0.6 Nm 0.5 mm² I, 1.5 mm²
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid core max. rated connection Wire connection cross section, finely stranded, max. Wire connection cross section, finely stranded with wire-end ferrules DIN	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3 4 mm ² 4 mm ²	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, stranded core, max. rated connection Wire connection cross section, stranded stranded, min. Wire connection cross section, finely stranded with wire-end ferrules DIN	Connector 300 V 12 AWG 10 mm on side 0.13 mm ² M 3 0.6 Nm 0.5 mm ² I.5 mm ² 0.5 mm ²
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid core max. rated connection Wire connection cross section, solid core max. rated connection Wire connection cross section, finely stranded, max. Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3 4 mm ²	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, stranded rated connection, min. Wire connection cross-section, finely stranded, min. Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	300 V 12 AWG 10 mm on side 0.13 mm² M 3 0.6 Nm 0.5 mm² I, 1.5 mm²
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid core max. rated connection Wire connection cross section, solid core max. rated connection Wire connection cross section, finely stranded, max. Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connected conductor,	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3 4 mm ² 4 mm ²	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, stranded core, max. rated connection Wire connection cross section, stranded stranded, min. Wire connection cross section, finely stranded with wire-end ferrules DIN	Connector 300 V 12 AWG 10 mm on side 0.13 mm ² M 3 0.6 Nm 0.5 mm ² I.5 mm ² 0.5 mm ²
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid core max. rated connection Wire connection cross section, solid core max. rated connection Wire connection cross section, finely stranded, max. Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. Cross-section for connected conductor, finely stranded with wire-end ferrules	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3 4 mm ² 4 mm ²	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, stranded rated connection, min. Wire connection cross section, finely stranded, min. Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. Wire connection cross-section, finely	Connector 300 V 12 AWG 10 mm on side 0.13 mm ² M 3 0.6 Nm 0.5 mm ² I.5 mm ² 0.5 mm ²
Certificate No. (CSA) Current size C (CSA) Wire cross section min. (CSA) Clampable wires (rated conne Type of connection Blade size Number of connections Clamping range, rated connection, max Tightening torque, min. Gauge to IEC 60947-1 Wire connection cross section, solid core max. rated connection Wire connection cross section, finely stranded, max. Wire connection cross section, finely stranded with wire-end ferrules DIN	200039-1152890 10 A 26 AWG ction) Screw connection 0.6 x 3.5 mm 2 4 mm ² 0.5 Nm A3 4 mm ² 4 mm ²	Wire cross section max. (CSA) Stripping length Connection direction Clamping range, rated connection, min. Clamping screw Tightening torque, max. Wire connection cross section, solid core, max. rated connection Wire connection cross section, stranded connection, min. Wire connection cross section, finely stranded, min. Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. Wire connection cross-section, finely stranded with wire-end ferrules and	Connector 300 V 12 AWG 10 mm on side 0.13 mm ² M 3 0.6 Nm 0.5 mm ² I.5 mm ² 0.5 mm ²

Creation date May 23, 2013 11:54:58 PM CEST

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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 mm ²	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 Paiga
UL 94 flammability rating	Verniu V-0		Dark Beige
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	_ 0.000 0.2	
Product information			
	Oraclaster 0.5 - 0. March	er en diferende (MICE) en la 1911 de la compañía de la	
Descriptive text ordering data	Conductor 2.5 mm ² with wire end ferrule (WEF) only with diameter optimised WEF(Order No. 1333100000 VPE 500)		
Descriptive text technical data	Only 250V allowed at the di	ode	
Approvals			
Approvals		ŕ	
	€ ₽-		
ROHS	Conform	-	
	Somorri		