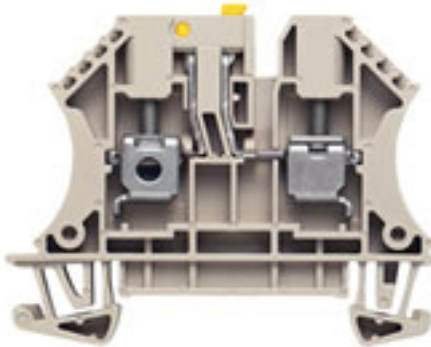


**W-Series
WTR 4**

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

Type	WTR 4
Order No.	7910180000
Version	W-Series, Test-disconnect terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4008190576882
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Length	60 mm	Width	6.1 mm
Height	48 mm	Height of lowest version	49 mm
Net weight	11.554 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 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²

Additional technical data

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

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size C (CSA)	300 V
Current size C (CSA)	10 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 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.	4 mm ²
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Technical data
Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	13 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	2	Clamping range, rated connection, min.	0.22 mm ²
Clamping range, rated connection, max.	6 mm ²	Clamping screw	M 3
Tightening torque, min.	0.5 Nm	Tightening torque, max.	1 Nm
Torque level with DMS electric screwdriver	2	Gauge to IEC 60947-1	A4
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	6 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.	4 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.	4 mm ²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 10

Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	without	Tightening torque, max.	1 Nm
Tightening torque, min.	0.5 Nm	Torque level with DMS electric screwdriver	2

Rated data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated impulse withstand voltage	6 kV	Rated current	32 A
Current at maximum wires	32 A	Pollution severity	3

UL ratings data

Certificate No. (UR)	E60693VOL1SEC38	Voltage size D (UR)	300 V
Current size D (UR)	10 A	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	10 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		

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Technical data**Classifications**

ETIM 2.0	EC000902	ETIM 3.0	EC000902
UNSPSC	30-21-18-11	eClass 4.1	27-14-11-17
eClass 5.1	27-14-11-26	eClass 6.2	27-14-11-26
eClass 7.1	27-14-11-26		

Approvals

Approvals



ROHS

Conform

Downloads

STEP	7910180000_31505_WTR4_STP.stp
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Drawings

