

**W terminal
WTR 2.5**

Weidmüller Interface GmbH & Co. KG
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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.	1855610000
Type	WTR 2.5
Version	W terminal, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection
EAN	4032248458417
Qty.	100 pc(s).

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Technical data

Dimensions

Length	60 mm	Width	5.1 mm
Height	48 mm	Height of lowest version	49 mm

Temperatures

Operating temperature	Storage temperature
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CSA ratings data

Certificate No. (CSA)	154685-1152890	Voltage size B (CSA)	30 V
Voltage size C (CSA)	300 V	Voltage size D (CSA)	30 V
Current size B (CSA)	10 A	Current size C (CSA)	10 A
Current size D (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC68	Voltage size C (UR)	600 V
Current size C (UR)	20 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	30 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

Material	Wemid	Colour	dark beige
Flammability class UL 94	V-0		

System specifications

Product family	W terminal	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

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

Conductor cross-section, flexible, 2 clampable conductor, min.	0.5 mm²	Conductor cross-section, flexible, 2 clampable conductor, max.	1.5 mm²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, 2 clampable conductor, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, 2 clampable conductor, max.	1.5 mm²

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm²
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Technical data

Conductors for clamping (rated connection)

Type of connection	Screw connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
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 setting with DMS electric screwdriver 1	
Gauge to IEC 60947-1	A3	Conductor cross-section, solid, min.	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
Conductor cross-section, flexible, 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	Wire connection cross section AWG, min.	AWG 30
Wire connection cross section AWG, max.	AWG 12		

Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	Pivoting	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.4 Nm	Torque setting with DMS electric screwdriver 1	

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated impulse withstand voltage	6 kV	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Pollution severity	3		

Classifications

ETIM 2.0	EC000902	ETIM 3.0	EC000902
ETIM 4.0	EC000902	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-17	eClass 5.1	27-14-11-26
eClass 6.0	27-14-11-26		

Approvals

Approvals	CE; CSA; GOSTME25; UR
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Product notes

Note, technical data	2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
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Downloads

STEP	1855610000_36326_WTR_2.5N_STP.stp
3D model	

Datasheet**W terminal
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Drawings