

**W terminal test-disconnect terminal
WTR 2.5/O.TNHE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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.	8731700000
Type	WTR 2.5/O.TNHE
Version	W terminal test-disconnect terminal, Test-disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection
EAN	4032248404889
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.	154685-1152890	Voltage size C	300 V
Current size C (CSA)	10 A	Conductor cross-section, max.	12 AWG
Conductor cross-section, min.	26 AWG		

Conductors for clamping (additional connection)

Rated current	24 A	Type of connection	Screw connection
Clamping screw	M 2.5	Blade size	0.6 x 3.5 mm
Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.4 Nm
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.	2.5 mm ²
Conductor connection cross-section AWG, min.	AWG 30	Conductor connection cross-section AWG, max.	AWG 12

UL ratings data

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

Material data

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

System specifications

Product family	W terminal test-disconnect 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, solid, 2 clampable conductor	0.5 mm ²	Wire cross-section, solid, max.	1.5 mm ²
Conductor cross-section, flexible, 2 clampable conductor, min.	0.5 mm ²	Conductor cross-section, flexible, 2 clampable conductor, max.	1.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, 2 clampable conductor, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, 2 clampable conductor, max.	1.5 mm ²

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Technical data

Additional technical data

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

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
Conductor cross-section, solid, max.	4 mm ²	Conductor cross-section, stranded, rated connection, min.	1.5 mm ²
Conductor cross-section, stranded, rated connection, max.	4 mm ²	Conductor cross-section, flexible, max.	4 mm ²
Conductor cross-section, flexible, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, rated connection, max.	2.5 mm ²	Conductor connection cross-section AWG, min.	AWG 30
Conductor connection cross-section AWG, max.	AWG 12		

Dimensions

TS 35 offset	30 mm
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Disconnect terminals

Cross-disconnect	without	Integral test socket	No
Slitting	without	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 with max. conductor	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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