

W-series terminal with clamping yoke connection WTR 2.5 STB2.3

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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.	1855620000
Part designation	WTR 2.5 STB2.3
Version	W-series terminal with clamping yoke connection, Disconnect and modular disconnect terminal, Rated cross-section: 2.5 mm ² , Screw connection, Wemid, dark beige
GTIN (EAN)	4032248458301
Qty.	100 pc(s).

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Technical data

Dimensions (1)

Weight	10.7 g	Length	60 mm
Width	5.1 mm		

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

Conductor cross-section, solid, 2 clampable conductor	0.5 mm ²	Solid, max.	1.5 mm ²
Flexible, min.	0.5 mm ²	Flexible, 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

Additional technical data

Colour of insulating material	dark beige	Connection direction	on side
End cover plate required	Yes	Explosion-tested version	No
Flammability class UL 94	V-0	Insulating material	Wemid
Levels cross-connected internally	No	No. of clamping points per level	2
Number of identical terminals	1	Number of levels	1
Open sides	right	Operating temperature range, max.	120 °C
Operating temperature range, min.	-50 °C	Product family	W-series terminal with clamping yoke connection
Type of connection	Screw connection	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Rated current	24 A	Type of connection	Screw connection
Clamping screw	M 3	Blade size	0.6 x 3.5 mm
Tightening torque, max.	0.7 Nm	Tightening torque, min.	0.5 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

Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²	Clamping range, max.	4 mm ²
Type of connection	Screw connection	Connection direction	on side
No. of connections	2	Stripping length	10 mm
Clamping screw	M 3	Blade size	0.6 x 3.5 mm
Tightening torque, max.	0.7 Nm	Tightening torque, min.	0.5 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
Stranded, min.	1.5 mm ²	Stranded, max.	4 mm ²
Conductor cross-section, flexible, max.	4 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 cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, min.	0.5 mm ²
Conductor cross-section, flexible AEH plus plastic collar DIN 46228/4, rated connection, max.	2.5 mm ²	Conductor connection cross-section AWG, min.	AWG 30
Conductor connection cross-section AWG, max.	AWG 12		

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Technical data

Dimensions

Height of lowest version	49 mm	TS 35 offset	35.5 mm
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Disconnect terminals

Cross-disconnect	without	Integral test socket	Yes
Slitting	without	Tightening torque, max.	0.7 Nm
Tightening torque, min.	0.5 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
Standards	IEC 60947-7-1	Current with max. conductor	24 A
Pollution severity	3		

Approvals

Approvals institutes	GOSTME25
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Classifications

eClass 5.1	27-14-11-26	eClass 6.0	27-14-11-26
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Product notes

Product description	Modular disconnect terminals enable circuits to be quickly isolated from the supply so that, for example, maintenance or repair work can be carried out.
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