



#### General ordering data

Order No.	1039980000
Part designation	WTR 2.5/ZZ BL
Version	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue/light blue, TS 35
EAN	4008190912475

#### Product notes

Note, ordering data	2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
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.

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

Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	1.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	1.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>

#### Additional technical data

Colour of insulating material	blue/light blue
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1

#### Additional technical data

No. of levels	1
No. of terminal strips per level	4
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Test-disconnect terminals

#### CSA rating data

Voltage (CSA)	300 V
CSA current	10 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	7 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...0.6 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	4 mm <sup>2</sup>

#### Dimensions

Width	5.1 mm
Height of lowest version	49 mm
Length	60 mm
Weight	45.13 g
TS 35 offset	32 mm

#### Disconnect terminals

Cross-disconnect	without
Integral test socket	Yes
Slitting	without
Torque level with DMS electric screwdriver	2

#### Rating data

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	14 A
Standards	IEC 60947-7-1
Current with max. conductor	14 A
Pollution severity	3

#### UL rating data

Voltage (UL)	300 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 12

#### Approvals

Approvals institutes



#### Classifications

eClass 4.1	27-14-11-17
eClass 5.0	27-14-11-26
eClass 5.1	27-14-11-26

#### Similar products

Order No.	Part designation	Version
1855610000	WTR 2.5	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, beige, TS 35
1011100000	WTR 2.5	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
8731640000	WTR 2.5 BL	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue/light blue, TS 35

1961750000	WTR 2.5 D+ 2STB 6.9/2.3	
1964810000	WTR 2.5 D- 2STB 6.9/2.3	
1011120000	WTR 2.5 GE	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, yellow, TS 35
1011130000	WTR 2.5 GN	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35
1011150000	WTR 2.5 GR	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, grey, TS 35
1878530000	WTR 2.5 OR	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, Orange, TS 35
1011160000	WTR 2.5 OR	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, Orange, TS 35
1011140000	WTR 2.5 RT	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, red, TS 35
1950680000	WTR 2.5 RT	
1013000000	WTR 2.5 STB2.0	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1011200000	WTR 2.5 STB2.3	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1855620000	WTR 2.5 STB2.3	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1011210000	WTR 2.5 STB2.3 SW	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, black, TS 35
1011190000	WTR 2.5 WS	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, white, TS 35
1013300000	WTR 2.5/D- STB2.3	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1013700000	WTR 2.5/D/DRBR	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1012900000	WTR 2.5/D/O.TNHE	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
8731700000	WTR 2.5/O.TNHE	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, beige, TS 35
8731670000	WTR 2.5/O.TNHE STB2.3	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1012800000	TR 2.5/O.TNHE STB2.3	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1039900000	WTR 2.5/ZZ	Disconnect and modular disconnect terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35