



#### General ordering data

Order No.	1018800000
Part designation	WTL 6/3
Version	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4008190259280
Qty.	50 pc(s).

#### Product notes

Note, ordering data	TS32 version on request
Product description	Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.
Function	Without socket
Note, accessories	For further disconnect test terminal accessories, see chapter "Accessories"

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

Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	2.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	2.5 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)	2.5 mm <sup>2</sup>

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No

**Additional technical data**

No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	closed
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	45 A
Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 8

**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)	6 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	10 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 3.5
Blade size	4.0 x 0.8 mm
Tightening torque range	0.8...1.6 Nm
Torque level with DMS electric screwdriver	3
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	10 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	10 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	6 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)	6 mm <sup>2</sup>
AWG conductor size, min.	AWG 20
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.52 mm <sup>2</sup>
AWG conductor size, max.	8.37 mm <sup>2</sup>

**Conductors for clamping (rated connection)****Dimensions**

Width	7.9 mm
Height of lowest version	65 mm
Length	87 mm
Weight	35.95 g
TS 35 offset	42.5 mm

**Disconnect terminals**

Cross-disconnect	sliding
Integral test socket	No
Slitting	sliding
Tightening torque range	0.5...0.8 Nm
Torque level with DMS electric screwdriver	3

**Rating data**

Rated cross-section	6 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	41 A
Standards	IEC 60947-7-1
Current with max. conductor	57 A
Pollution severity	3

**UL rating data**

Voltage (UL)	300 V
Current (UL)	45 A
Min. cross-section (UL)	AWG 20
Max. cross-section (UL)	AWG 8

**Approvals**

Approvals institutes

**Classifications**

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

**Similar products**

Order No.	Part designation	Version
1018640000	WTL 6/3 BR	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1018600000	WTL 6/3/STB	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35