



#### General ordering data

Order No.	1016900000
Part designation	WTL 6/1/STB
Version	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4008190029715
Qty.	50 pc(s).

#### Product notes

Note, ordering data	TS32 version on request
Note, technical data	Use as 500 V disconnect terminal. Conductor connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.0 Nm.
Product description	Different current transformer circuits, e.g. for replacing measuring instruments or electricity meters, can be realised.
Function	with socket

#### 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	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid

#### Additional technical data

Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
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	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>

#### Conductors for clamping (rated connection)

AWG conductor size, max. 8.37 mm<sup>2</sup>

#### Dimensions

Width 7.9 mm  
 Height of lowest version 48.5 mm  
 Length 65 mm  
 TS 35 offset 32.5 mm

#### Disconnect terminals

Cross-disconnect sliding  
 Integral test socket Yes  
 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 630 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

ETIM 2.0 EC000902  
 ETIM 3.0 EC000902  
 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
1016700000	WTL 6/1	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35

1934810000	WTL 6/1 EN	Trenn- und Messtrennreihenklemme, 6 mm <sup>2</sup> , Schraubanschluss, Wemid, dunkelbeige, TS 32 und TS 35
1019670000	WTL 6/1 EN BL	
1019760000	WTL 6/1 EN GN	
1934820000	WTL 6/1 EN STB	Trenn- und Messtrennreihenklemme mit Steckbuchse, 6 mm <sup>2</sup> , Schraubanschluss, Wemid, dunkelbeige, TS 32 und TS 35
1019680000	WTL 6/1 EN STB BL	
1019690000	WTL 6/1 EN STB GR	
1019710000	WTL 6/1 EN STB RT	
1019750000	WTL 6/1 EN GE	
1016950000	WTL 6/1/STB RT	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1017000000	WTL 6/1/STB/32	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 32
1631820000	WTL 6/1/STB/Q BL	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1631800000	WTL 6/1/STB/Q GE	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1631790000	WTL 6/1/STB/Q RT	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1631810000	WTL 6/1/STB/Q SW	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1849200000	WTL 6/1/STB/TNSC	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1938820000	WTL 6/1/STB/TNSC/EN	Trenn- und Messtrennreihenklemme mit Steckbuchse und Trennschieber, 6 mm <sup>2</sup> , Schraubanschluss, Wemid, dunkelbeige, TS 32 und TS 35