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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



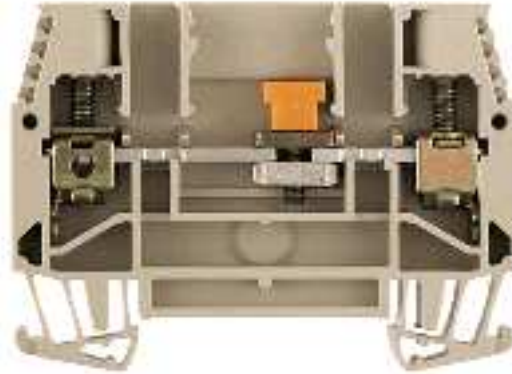
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General ordering data

Order No.	1016700000
Part designation	WTL 6/1
Version	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190151171
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	without socket

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

Solid, min.	0.5 mm ²
Solid, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm ²
Clamping range, max.	10 mm ²
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 ²
Solid, max.	10 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	10 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	6 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 mm ²
AWG conductor size, min.	AWG 20
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.52 mm ²

Conductors for clamping (rated connection)

AWG conductor size, max. 8.37 mm²

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 No
 Slitting sliding
 Tightening torque range 0.5...0.8 Nm
 Torque level with DMS electric screwdriver 3

Rating data

Rated cross-section 6 mm²
 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
1934810000	WTL 6/1 EN	Trenn- und Messtrennreihenklemme, 6 mm ² , 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 ² , 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	
1016900000	WTL 6/1/STB	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1016950000	WTL 6/1/STB RT	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1017000000	WTL 6/1/STB/32	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 32
1631820000	WTL 6/1/STB/Q BL	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1631800000	WTL 6/1/STB/Q GE	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1631790000	WTL 6/1/STB/Q RT	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1631810000	WTL 6/1/STB/Q SW	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1849200000	WTL 6/1/STB/TNSC	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1938820000	WTL 6/1/STB/TNSC/EN	Trenn- und Messtrennreihenklemme mit Steckbuchse und Trennschieber, 6 mm ² , Schraubanschluss, Wemid, dunkelbeige, TS 32 und TS 35