



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



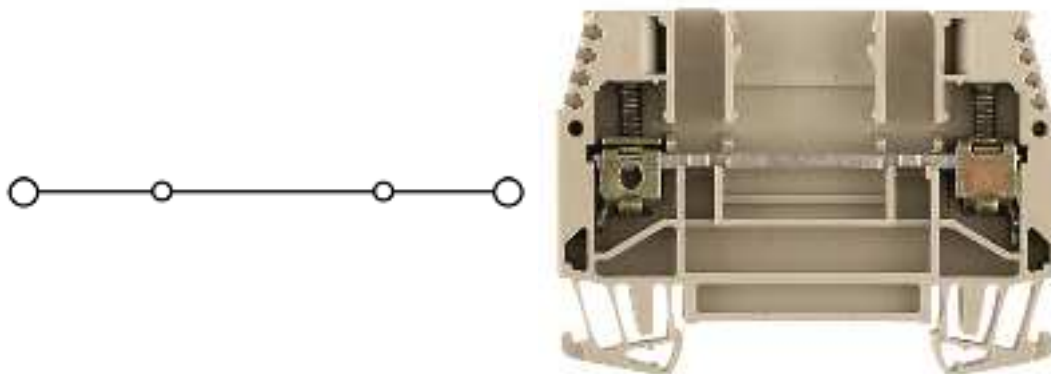
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General ordering data

Order No.	1017100000
Part designation	WTD 6/1
Version	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190021948
Qty.	50 pc(s).

Product notes

Note, ordering data	TS32 version on request
Note, technical data	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
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	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
AWG conductor size, max.	8.37 mm ²

Conductors for clamping (rated connection)

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	without
Integral test socket	No
Slitting	without
Torque level with DMS electric screwdriver	3

Rating data

Rated cross-section	6 mm ²
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
1631780000	WTD 6/1 BL	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35

1934830000	WTD 6/1 EN	
1631760000	WTD 6/1 GE	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1017120000	WTD 6/1 GR	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1631750000	WTD 6/1 RT	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1631770000	WTD 6/1 SW	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1017200000	WTD 6/1/32	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 32