



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!



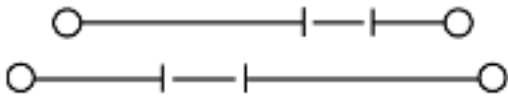
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





General ordering data

Order No.	9528070000
Part designation	WDTR 2.5
Version	Disconnect and modular disconnect terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190899028
Qty.	25 pc(s).

Product notes

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.
Note, accessories	External cross-connection is possible with the VQB 1.5/50. Refer to "Accessories" Chapter.

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

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

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
No. of identical terminals	1

Additional technical data

No. of levels	2
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	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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²
Clamping range, max.	4 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	8 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 ²
Solid, max.	4 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 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)	2.5 mm ²
AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	6.2 mm
Height of lowest version	69 mm
Length	94 mm
Weight	9.99 g
TS 32 offset	31 mm
TS 35 offset	47 mm

Disconnect terminals

Cross-disconnect	without
Integral test socket	No
Slitting	without
Torque level with DMS electric screwdriver	2

Rating data

Rated cross-section	2.5 mm ²
Rated voltage	400 V
Rated impulse voltage	4 kV
Rated current	10 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 30
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes



Classifications

ETIM 2.0	EC000902
ETIM 3.0	EC000902
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
1015560000	WDT 1.5/2 BE/PA66/GE	Disconnect and modular disconnect terminal, 1.5 mm ² , Screw connection, PA 66, beige/yellow, TS 35 + TS 32
1015900000	WDT 1.5/2 DB/GE	Disconnect and modular disconnect terminal, 1.5 mm ² , Screw connection, Wemid, dark beige/yellow, TS 35 + TS 32

1016160000	WDT 1.5/3 BL/HB	Disconnect and modular disconnect terminal, 1.5 mm ² , Screw connection, Polyamide, blue/light blue, TS 35 + TS 32
1016000000	WDT 1.5/3 DB/GE	Disconnect and modular disconnect terminal, 1.5 mm ² , Screw connection, Wemid, dark beige/yellow, TS 35 + TS 32
9528080000	WDTR 2.5 BL	Disconnect and modular disconnect terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35