



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!



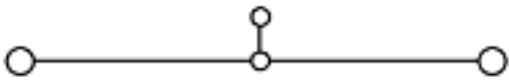
Contact us

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.	1040400000
Part designation	WDU 35N
Version	Feed-through terminal, 35 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190351816
Qty.	20 pc(s).

Product notes

Note, technical data	The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Copper straps can be used; possible connections: 3 to 9 layers 9 x 0.8 mm.
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

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

Solid, min.	2.5 mm ²
Solid, max.	6 mm ²
Flexible, min.	2.5 mm ²
Flexible, max.	6 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	2.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	6 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	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	Feed-through terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	10 A
Min. cross-section (CSA)	AWG 12
Max. cross-section (CSA)	AWG 2

Conductors for clamping (rated connection)

Clamping range, min.	2.5 mm ²
Clamping range, max.	50 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	18 mm
Clamping screw	M 6
Blade size	6.5 x 1.2 mm
Tightening torque range	4.0...5.0 Nm
Gauge to IEC 60947-1	B8
Solid, min.	2.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	2.5 mm ²
Stranded, max.	50 mm ²
Flexible, min.	2.5 mm ²
Flexible, max.	35 mm ²
Flexible with ferrule, min. (DIN 46228/1)	2.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	35 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	35 mm ²
AWG conductor size, min.	AWG 12
AWG conductor size, max.	AWG 1/0
AWG conductor size, min.	3.31 mm ²
AWG conductor size, max.	42.41 mm ²

Dimensions

Width	16 mm
Height of lowest version	51 mm
Length	66 mm
Weight	52 g
TS 35 offset	34 mm

Dimensions

Rating data

Rated cross-section	35 mm ²
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	125 A
Standards	IEC 60947-7-1
Current with max. conductor	150 A
Pollution severity	3

Strap connection

Strap 1, max.	9 layers 9 x 0.8
Strap 1, min.	3 layers 9 x 0.8

UL rating data

Voltage (UL)	300 V
Current (UL)	150 A
Min. cross-section (UL)	AWG 12
Max. cross-section (UL)	AWG 1

Approvals

Approvals institutes



Downloads

STEP	1040400000_26280_WDU_35N_STP.stp
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Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
1040480000	WDU 35N BL	Feed-through terminal, 35 mm ² , Screw connection, Wemid, blue, TS 35