



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!



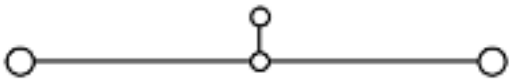
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General ordering data

Order No.	9512190000
Part designation	WDU 70N/35
Version	Feed-through terminal, 70 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190403874
Qty.	10 pc(s).

Product notes

Note, technical data	Copper straps can be used, possible connections: see online catalogue.
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.
Note, accessories	Auxiliary connection for the additional conductor "WZAD 70N", order no. 1964830000 (up to 10 mm ² , 41 A)

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA98ATEX1683U
Download, German	KEMA98ATEX1683U_d.pdf
Download English	KEMA98ATEX1683U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0008U
Download	IECEXULD05.0008U_e.pdf
ATEX voltage	690 V
ATEX current	167 A
ATEX conductor cross-section	70 mm ²
IECEEx voltage	690 V
IECEEx current	167 A
IECEEx conductor cross-section	70 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

PT OKIECEX/ATEX rating data

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

Solid, min.	6 mm ²
Solid, max.	16 mm ²
Stranded, min.	10
Stranded, max.	25 mm ²
Flexible, min.	10 mm ²
Flexible, max.	25 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	6 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	25

Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
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)	600 V
CSA current	205 A
Min. cross-section (CSA)	AWG 8
Max. cross-section (CSA)	AWG 2/0

Conductors for clamping (rated connection)

Clamping range, min.	10 mm ²
Clamping range, max.	95 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	22 mm
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Tightening torque range	6.0...10 Nm
Gauge to IEC 60947-1	B11
Solid, min.	10 mm ²
Solid, max.	16 mm ²

Conductors for clamping (rated connection)

Stranded, min.	10 mm ²
Stranded, max.	95 mm ²
Flexible, min.	10 mm ²
Flexible, max.	70 mm ²
Flexible with ferrule, min. (DIN 46228/1)	10 mm ²
Flexible with ferrule, max. (DIN 46228/1)	70 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	70 mm ²
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	13.3 mm ²
AWG conductor size, max.	67.44 mm ²

Dimensions

Width	20.5 mm
Height of lowest version	86 mm
Length	75 mm
Weight	130.8 g
TS 35 offset	37.5 mm

Rating data

Rated cross-section	70 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	192 A
Standards	IEC 60947-7-1
Current with max. conductor	232 A
Pollution severity	3

Strap connection

Strap 1, max.	9 layers 9 x 0.8
Strap 1, min.	3 layers 9 x 0.8
Strap 2, max.	4 layers 16 x 0.8

UL rating data

Voltage (UL)	600 V
Current (UL)	175 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 3/0

Approvals

Approvals institutes



Downloads

DXF	32023_WDU_70N_DXF.dxf
STEP	9512190000_32023_WDU_70N-35_STP.stp

Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
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
9512420000	WDU 70N/35 BL	Feed-through terminal, 70 mm ² , Screw connection, Wemid, blue, TS 35