

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

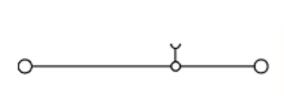
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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











General ordering data	
Order No.	1771380000

Part designation ZDU 6-2/2AN

Version Feed-through terminal, 6 mm², Tension clamp

connection, Wemid, dark beige, TS 35

EAN 4032248143115

Qty. 50 pc(s).

Product notes

Note, ordering data

The rated voltage is reduced to 400 V when using

the cross-connection.

Product description The compact terminal range for conductor cross-

sections 0.13 to 16 mm²

PT OKIECEX/ATEX rating data

EU-type examination certificate KEMA97ATEX4677U

Download, German KEMA97ATEX4677U_d.pdf

Download English KEMA97ATEX4677U_e.pdf

ATEX voltage 550 V
ATEX current 36 A
ATEX conductor cross-section 6 mm²

Voltage when using cross-connections CrossConnectionGuide.pdf

Operating temperature range Einsatztemperaturbereich siehe EG-

Baumusterprüfbescheinigung/IECEx-Certificate of

Conformity

Marking EN 60079-7 Ex e II
Marking ATEX Directive 94/9/EC Ex II 2 G D

Additional technical data

Colour of insulating material dark beige
Connection Inclined / angled

End plate required Yes
Explosion-tested version "Ex e" Yes
Installation advice TS 35
Insulating material Wemid



Additional tookyinal data	
Additional technical data	No
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	Z-series
Type of connection	Tension clamp connection
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	50 A
Min. cross-section (CSA)	AWG 20
, ,	AWG 8
Max. cross-section (CSA)	AVVG 0
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 mm²
Conductors for clamping (rated connection)	
Clamping range, min.	0.22 mm²
Clamping range, max.	10 mm²
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	Inclined / angled
No. of connections	2
Stripping length	12 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm ²
Solid, max.	10 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	10 mm ²
	0.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	
Flexible with ferrule, max. (DIN 46228/1)	6 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN	6 mm²
46228 pt 4)	
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	2.5 mm ²
AWG conductor size, min.	AWG 22
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.33 mm ²
AWG conductor size, max.	8.37 mm²



Width	8.1 mm	
Height of lowest version	50 mm	
Length	68 mm	
TS 35 offset	21.5 mm	
Rated cross-section	6 mm²	
Rated voltage	800 V	
Rated impulse voltage	8 kV	
Rated current	41 A	
Standards	IEC 60947-7-1	
Current with max. conductor	41 A	
Pollution severity	3	

UL rating data

Voltage (UL)	600 V
Current (UL)	45 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 8

Approvals

Approvals institutes











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.		
1771390000	ZDU 6-2/2AN BL	Feed-through terminal, 6 mm², Tension clamp connection, Wemid, blue, TS 35
1771410000	ZDU 6-2/3AN	Feed-through terminal, 6 mm², Tension clamp connection, Wemid, dark beige, TS 35
1771420000	ZDU 6-2/3AN BL	Feed-through terminal, 6 mm², Tension clamp connection, Wemid, blue, TS 35
1771430000	ZDU 6-2/3AN OR	Feed-through terminal, 6 mm², Tension clamp connection, Wemid, Orange, TS 35

