



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!



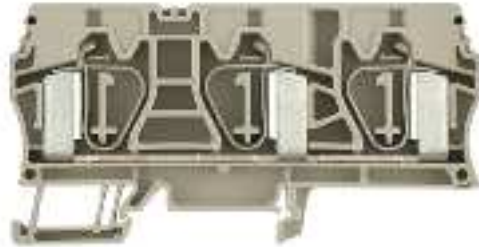
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#### General ordering data

Order No.	1768330000
Part designation	ZDU 16/3AN BL
Version	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
EAN	4032248122820
Qty.	20 pc(s).

#### Product notes

Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm <sup>2</sup> .
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#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA00ATEX2107U
Download, German	KEMA00ATEX2107U_d.pdf
Download English	KEMA00ATEX2107U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0009U
ATEX voltage	550 V
ATEX current	66 A
ATEX conductor cross-section	16 mm <sup>2</sup>
IECEEx voltage	550 V
IECEEx current	63 A
IECEEx conductor cross-section	16 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEEx-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	blue
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	Yes

**Additional technical data**

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	3
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	Z-series
Type of connection	Clamped
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	65 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 4

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	1.5 mm <sup>2</sup>
Clamping range, max.	25 mm <sup>2</sup>
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	3
Stripping length	18 mm
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	A7
Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	25 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 4
AWG conductor size, min.	2.08 mm <sup>2</sup>
AWG conductor size, max.	21.15 mm <sup>2</sup>

### Conductors for clamping (rated connection)

#### Dimensions

Width	12.1 mm
Height of lowest version	51.5 mm
Length	99 mm
TS 35 offset	42 mm

#### Rating data

Rated cross-section	16 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	76 A
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

#### UL rating data

Voltage (UL)	600 V
Current (UL)	65 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 4

#### Approvals

Approvals institutes



#### 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
1745230000	ZDU 16	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1745240000	ZDU 16 BL	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1768320000	ZDU 16/3AN	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35