



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!



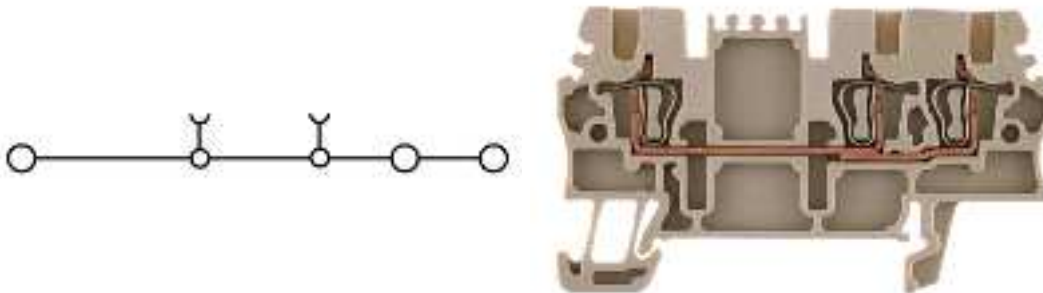
## Contact us

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#### General ordering data

Order No.	1775530000
Part designation	ZDU 1.5/3AN
Version	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35
EAN	4032248181490
Qty.	100 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	KEMA01ATEX2106U
Download, German	KEMA01ATEX2106U_d.pdf
Download English	KEMA01ATEX2106U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0009U
Download	IECEXULD05.0009U_e.pdf
ATEX voltage	550 V
ATEX current	15 A
ATEX conductor cross-section	1.5 mm <sup>2</sup>
IECEEx voltage	550 V
IECEEx current	15 A
IECEEx conductor cross-section	1.5 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	beige
Connection direction	top
End plate required	Yes

#### Additional technical data

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	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)	300 V
CSA current	20 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 14

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	3
Stripping length	10 mm
Blade size	0.4 x 2.0 mm
Gauge to IEC 60947-1	B1
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	1.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	1.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	0.75 mm <sup>2</sup>
AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 16
AWG conductor size, min.	0.13 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

AWG conductor size, max. 1.31 mm<sup>2</sup>

#### Dimensions

Width 3.5 mm  
 Height of lowest version 37 mm  
 Length 63.5 mm  
 TS 35 offset 30 mm

#### Rating data

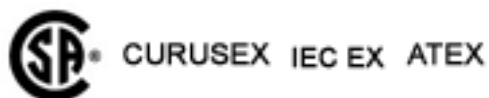
Rated cross-section 1.5 mm<sup>2</sup>  
 Rated voltage 500 V  
 Rated impulse voltage 6 kV  
 Rated current 17.5 A  
 Standards IEC 60947-7-1  
 Current with max. conductor 17.5 A  
 Pollution severity 3

#### UL rating data

Voltage (UL) 300 V  
 Current (UL) 15 A  
 Min. cross-section (UL) AWG 30  
 Max. cross-section (UL) AWG 14

#### Approvals

Approvals institutes



#### Downloads

STEP 1775530000\_31274\_ZDU\_1.5\_3AN\_STP.stp

#### 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
1775480000	ZDU 1.5	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35
1826970000	ZDU 1.5/2X2AN	Feed-through terminal, 1.5 mm <sup>2</sup> , Clamping yoke connection, Wemid, dark beige, TS 35

1826990000	ZDU 1.5/2X2AN BL	Feed-through terminal, 1.5 mm <sup>2</sup> , Clamping yoke connection, Wemid, blue, TS 35
1827000000	ZDU 1.5/2X2AN OR	Feed-through terminal, 1.5 mm <sup>2</sup> , Clamping yoke connection, Wemid, Orange, TS 35
1775490000	ZDU 1.5 BL	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1775500000	ZDU 1.5 OR	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 35
1775540000	ZDU 1.5/3AN BL	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1775550000	ZDU 1.5/3AN OR	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 35
1775580000	ZDU 1.5/4AN	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35
1775600000	ZDU 1.5/4AN BL	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1775610000	ZDU 1.5/4AN OR	Feed-through terminal, 1.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 35