



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!



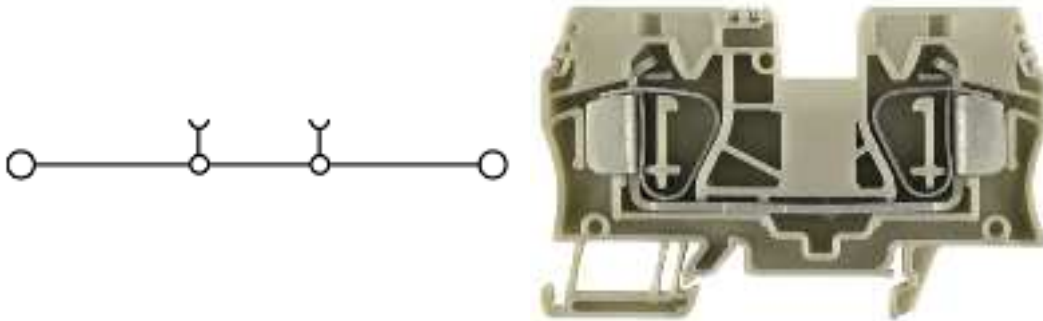
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#### General ordering data

Order No.	1746750000
Part designation	ZDU 10
Version	Feed-through terminal, 10 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
EAN	4008190996710
Qty.	25 pc(s).

#### Product notes

Note, technical data	Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.
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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	KEMA99ATEX5514U
Download, German	KEMA99ATEX5514U_d.pdf
Download English	KEMA99ATEX5514U_e.pdf
IECEX Certificate of Conformity	IECEXULD05.0009U
Download	IECEXULD05.0009U_e.pdf
ATEX voltage	550 V
ATEX current	50 A
ATEX conductor cross-section	10 mm <sup>2</sup>
IECEX voltage	550 V
IECEX current	50 A
IECEX conductor cross-section	10 mm <sup>2</sup>
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 direction	top
End plate required	Yes
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	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	55 A
Min. cross-section (CSA)	AWG 16
Max. cross-section (CSA)	AWG 6

**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)	10 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	1.31 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	top
No. of connections	2
Stripping length	18 mm
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	A6
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.	16 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	10 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)	10 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 6
AWG conductor size, min.	1.31 mm <sup>2</sup>
AWG conductor size, max.	13.3 mm <sup>2</sup>

#### Dimensions

Width	10.1 mm
Height of lowest version	50.5 mm
Length	73.5 mm
TS 35 offset	39 mm

#### Rating data

Rated cross-section	10 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	57 A
Standards	IEC 60947-7-1
Current with max. conductor	72 A
Pollution severity	3

#### UL rating data

Voltage (UL)	600 V
Current (UL)	60 A
Min. cross-section (UL)	AWG 16
Max. cross-section (UL)	AWG 6

#### Approvals

Approvals institutes



#### Downloads

STEP	1746750000_28144_ZDU_10_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
1746760000	ZDU 10 BL	Feed-through terminal, 10 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1767690000	ZDU 10/3AN	Feed-through terminal, 10 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35
1767700000	ZDU 10/3AN BL	Feed-through terminal, 10 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35