



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!



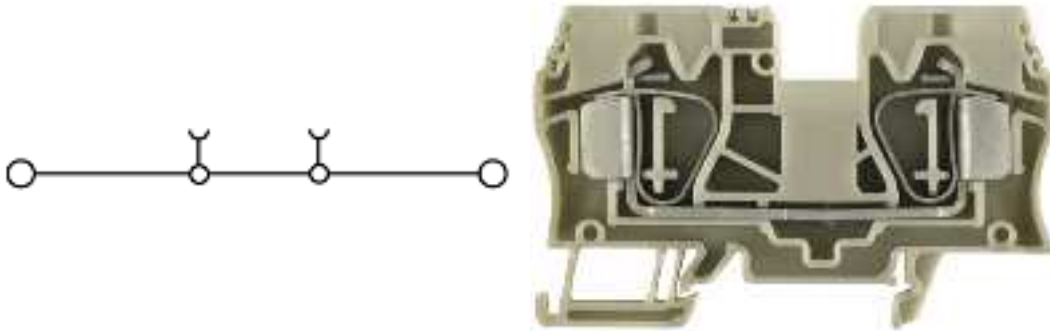
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General ordering data

Order No.	1745230000
Part designation	ZDU 16
Version	Feed-through terminal, 16 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
EAN	4008190996765
Qty.	25 pc(s).

Product notes

Note, technical data	Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16. Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.
Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm ² .

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA99ATEX5514U
Download, German	KEMA99ATEX5514U_d.pdf
Download English	KEMA99ATEX5514U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0009U
Download	IECEXULD05.0009U_e.pdf
ATEX voltage	550 V
ATEX current	66 A
ATEX conductor cross-section	16 mm ²
IECEEx voltage	550 V
IECEEx current	63 A
IECEEx conductor cross-section	16 mm ²
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	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	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 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm²

Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm²
Clamping range, max.	25 mm²
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	A7
Solid, min.	1.5 mm²
Solid, max.	16 mm²
Stranded, min.	1.5 mm²
Stranded, max.	25 mm²
Flexible, min.	1.5 mm²
Flexible, max.	16 mm²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm²
Flexible with ferrule, max. (DIN 46228/1)	16 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm²

Conductors for clamping (rated connection)

AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 4
AWG conductor size, min.	2.08 mm ²
AWG conductor size, max.	21.15 mm ²

Dimensions

Width	12.1 mm
Height of lowest version	51.5 mm
Length	82.5 mm
TS 35 offset	42 mm

Rating data

Rated cross-section	16 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	76 A
Standards	IEC 60947-7-1
Current with max. conductor	98 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

**Downloads**

STEP	1745230000_28039_ZDU_16_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
1745240000	ZDU 16 BL	Feed-through terminal, 16 mm², Tension clamp connection, Wemid, blue, TS 35
1768320000	ZDU 16/3AN	Feed-through terminal, 16 mm², Tension clamp connection, Wemid, dark beige, TS 35
1768330000	ZDU 16/3AN BL	Feed-through terminal, 16 mm², Tension clamp connection, Wemid, blue, TS 35