



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!



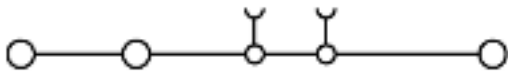
## Contact us

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#### General ordering data

Order No.	1770860000
Part designation	ZDU 4-2/3AN BL
Version	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
EAN	4032248121205
Qty.	100 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 mm <sup>2</sup>
Note, accessories	The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA97ATEX4677U
Download, German	KEMA97ATEX4677U_d.pdf
Download English	KEMA97ATEX4677U_e.pdf
ATEX voltage	550 V
ATEX current	28 A
ATEX conductor cross-section	4 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	blue
Connection direction	Inclined / angled
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	35 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

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

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
Type of connection	Tension clamp connection
2nd type of connection	clamped
Connection direction	Inclined / angled
No. of connections	3
Stripping length	10 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	4 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)	4 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	1.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	5.26 mm <sup>2</sup>

**Conductors for clamping (rated connection)****Dimensions**

Width	6.1 mm
Height of lowest version	46 mm
Length	61.5 mm
TS 35 offset	33 mm

**Rating data**

Rated cross-section	4 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	32 A
Standards	IEC 60947-7-1
Current with max. conductor	38 A
Pollution severity	3

**UL rating data**

Voltage (UL)	600 V
Current (UL)	33 A
Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 10

**Approvals**

Approvals institutes

**Classifications**

ETIM 2.0	EC000897
ETIM 3.0	EC000897
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
8670750000	ZDK 4-2	Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
8670850000	ZDK 4-2 BL	Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
8709760000	ZDK 4-2 EL	Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35

8671050000	ZDK 4-2 PE	Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, green, TS 35
8671080000	ZDK 4-2 V	Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
8671120000	ZDK 4-2/DU-PE	Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1905170000	ZDK 4-2/N/L	Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1770370000	ZDU 4-2/2AN	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1770840000	ZDU 4-2/2AN BL	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1770360000	ZDU 4-2/3AN	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1770870000	ZDU 4-2/3AN OR	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 35
1806980000	ZDU 4-2/4AN	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1806990000	ZDU 4-2/4AN BL	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35