



#### General ordering data

Order No.	1770870000
Part designation	ZDU 4-2/3AN OR
Version	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 35
EAN	4032248121311
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 OKIECEX/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	Orange
Connection direction	Inclined / angled
End plate required	Yes
Explosion-tested version "Ex e"	No

**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, + 100 °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 (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>

**Dimensions**

Width	6.1 mm
Height of lowest version	46 mm
Length	61.5 mm

#### Dimensions

TS 35 offset 14.5 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

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
1770860000	ZDU 4-2/3AN BL	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, 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