



#### 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
IECEX 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>
IECEX voltage	550 V
IECEX current	15 A
IECEX conductor cross-section	1.5 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	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

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
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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

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