



#### General ordering data

Order No.	1650350000
Part designation	ZDU 2.5/2X2AN/D-
Version	Component terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35
EAN	4008190297404
Qty.	20 pc(s).

#### Product notes

Note, ordering data	Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A
Product description	Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm <sup>2</sup> .

#### Additional technical data

Colour of insulating material	beige
Connection direction	top
Electronic component	Diode
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of levels	1
No. of terminal strips per level	4
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	Z-series
Type of connection	Plugged
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal with electronic components

#### Conductors for clamping (additional connection)

Type of connection	Tension clamp connection
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Tension clamp connection
Connection direction	top
No. of connections	4
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.	4 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)	2.5 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)	2.5 mm <sup>2</sup>
AWG conductor size, min.	0.05 mm <sup>2</sup>
AWG conductor size, max.	4 mm <sup>2</sup>

#### Dimensions

Width	5.1 mm
Height of lowest version	39.5 mm
Length	79.5 mm
TS 35 offset	39 mm

#### Rating data

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	1 A
Standards	IEC 60947-7-1
Pollution severity	3

#### Approvals

Approvals institutes



#### Classifications

eClass 4.1	27-14-11-27
eClass 5.0	27-14-11-27

#### Classifications

eClass 5.1

27-14-11-27

#### Similar products

Order No.	Part designation	Version
1650340000	ZDU 2.5/2X2AN/D+	Component terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, beige, TS 35