



#### General ordering data

Order No.	1739580000
Part designation	ZDU 16S
Version	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
EAN	4008190957049
Qty.	25 pc(s).

#### Product notes

Note, ordering data	Spacing between mounting plates should be 200mm.
Note, technical data	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).
Product description	N-cross-connections with busbar system 10 x 3 mm.

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	Inclined / angled
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of levels	1
No. of terminal strips per level	1
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	Z-series
Type of connection	Tension clamp connection
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	End bracket

#### CSA rating data

Voltage (CSA)	300 V
CSA current	65 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 4

#### Conductors for clamping (additional connection)

No. of connections	2
Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm <sup>2</sup>
Clamping range, max.	25 mm <sup>2</sup>
Type of connection	Tension clamp connection
Connection direction	Inclined / angled
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 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	16 mm <sup>2</sup>
Stranded, max.	25 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 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)	16 mm <sup>2</sup>
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 4

#### Dimensions

Width	12 mm
Height of lowest version	48.5 mm
Length	95 mm
TS 35 offset	31.5 mm

#### Distribution terminals

No. of potentials	1
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#### N-conductor disconnect terminal

For N-busbar	3 x 10 mm
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#### Rating data

Rated cross-section	16 mm <sup>2</sup>
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	76 A
Standards	IEC 60947-7-1
Current with max. conductor	76 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



#### 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
1808010000	ZDU 2.5 S	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1808020000	ZDU 2.5 S BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1808360000	ZDU 4 S	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1808370000	ZDU 4 S BL	Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1808230000	ZDU 6 S	Feed-through terminal, 6 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35
1808240000	ZDU 6 S BL	Feed-through terminal, 6 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35
1739540000	ZDU 10S	Feed-through terminal, 10 mm <sup>2</sup> , Clamping yoke connection, Wemid, dark beige, TS 35
1739550000	ZDU 10S BL	Feed-through terminal, 10 mm <sup>2</sup> , Clamping yoke connection, Wemid, blue, TS 35
1739590000	ZDU 16S BL	Feed-through terminal, 16 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35