



General ordering data

Order No.	1739540000
Part designation	ZDU 10S
Version	Feed-through terminal, 10 mm ² , Clamping yoke connection, Wemid, dark beige, TS 35
EAN	4008190957001
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 identical terminals	1
No. of levels	1
No. of terminal strips per level	2
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	Feed-through terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	55 A
Min. cross-section (CSA)	AWG 16
Max. cross-section (CSA)	AWG 6

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	1.3 mm ²
Clamping range, max.	16 mm ²
Type of connection	Clamping yoke connection
Connection direction	Inclined / angled
Stripping length	18 mm
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	A6
Solid, min.	1.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	16 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	10 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 6

Dimensions

Width	10 mm
Height of lowest version	48.5 mm
Length	86.5 mm
TS 35 offset	38 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	10 mm ²
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	57 A
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

UL rating data

Voltage (UL)	300 V
Current (UL)	60 A

UL rating data

Min. cross-section (UL)	AWG 16
Max. cross-section (UL)	AWG 6

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 ² , Tension clamp connection, Wemid, dark beige, TS 35
1808020000	ZDU 2.5 S BL	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, TS 35
1808360000	ZDU 4 S	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1808370000	ZDU 4 S BL	Feed-through terminal, 4 mm ² , Tension clamp connection, Wemid, blue, TS 35
1808230000	ZDU 6 S	Feed-through terminal, 6 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1808240000	ZDU 6 S BL	Feed-through terminal, 6 mm ² , Tension clamp connection, Wemid, blue, TS 35
1739550000	ZDU 10S BL	Feed-through terminal, 10 mm ² , Clamping yoke connection, Wemid, blue, TS 35
1739580000	ZDU 16S	Feed-through terminal, 16 mm ² , Tension clamp connection, Wemid, dark beige, TS 35
1739590000	ZDU 16S BL	Feed-through terminal, 16 mm ² , Tension clamp connection, Wemid, blue, TS 35