



#### General ordering data

Order No.	1040400000
Part designation	WDU 35N
Version	Feed-through terminal, 35 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4008190351816
Qty.	20 pc(s).

#### Product notes

Note, technical data	The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Copper straps can be used; possible connections: 3 to 9 layers 9 x 0.8 mm.
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

#### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Solid, min.	2.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Flexible, min.	2.5 mm <sup>2</sup>
Flexible, max.	6 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1

#### Additional technical data

No. of levels	1
No. of terminal strips per level	2
Open sides	closed
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
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	10 A
Min. cross-section (CSA)	AWG 12
Max. cross-section (CSA)	AWG 2

#### Conductors for clamping (rated connection)

Clamping range, min.	2.5 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	18 mm
Clamping screw	M 6
Blade size	6.5 x 1.2 mm
Tightening torque range	4.0...5.0 Nm
Gauge to IEC 60947-1	B8
Solid, min.	2.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	2.5 mm <sup>2</sup>
Stranded, max.	50 mm <sup>2</sup>
Flexible, min.	2.5 mm <sup>2</sup>
Flexible, max.	35 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	35 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	35 mm <sup>2</sup>
AWG conductor size, min.	AWG 12
AWG conductor size, max.	AWG 1/0
AWG conductor size, min.	3.31 mm <sup>2</sup>
AWG conductor size, max.	42.41 mm <sup>2</sup>

#### Dimensions

Width	16 mm
Height of lowest version	51 mm
Length	66 mm
Weight	52 g
TS 35 offset	34 mm

## Dimensions

### Rating data

Rated cross-section	35 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	125 A
Standards	IEC 60947-7-1
Current with max. conductor	150 A
Pollution severity	3

### Strap connection

Strap 1, max.	9 layers 9 x 0.8
Strap 1, min.	3 layers 9 x 0.8

### UL rating data

Voltage (UL)	300 V
Current (UL)	150 A
Min. cross-section (UL)	AWG 12
Max. cross-section (UL)	AWG 1

### Approvals

Approvals institutes



### Downloads

STEP	1040400000_26280_WDU_35N_STP.stp
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### 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
1040480000	WDU 35N BL	Feed-through terminal, 35 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35