



#### General ordering data

Order No.	1040400000
Short text for material	WDU 35N
EAN	4008190351816
Qty	20

#### Additional technical data

Type of connection	screwed
No. of identical terminals	1
Version	Feed-through terminal
Type of mouting	clipped
UL 94 flammability rating of insulation material	V-0
Installation advice	TS 35
Colour of insulating material	dark beige
Insulating material	Wemid
Open sides	closed
Operating temperature range	- 50 °C, + 120 °C
Connection direction	on side
Product range	W-Series
No. of levels	1
Levels cross-connected internally	No
No. of terminal strips per level	2
Explosion-tested version "Ex e"	No
End plate required	No

#### 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 (1) with equal cross-section (rated connection)

Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>
Solid, min.	2,5 mm <sup>2</sup>
Solid, max.	6 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, min.	2,5 mm <sup>2</sup>

### Conductors for clamping (rated connection)

Stripping length	18 mm
Type of connection	Screw connection
No. of connections	2
Solid, min.	2,5 mm <sup>2</sup>
Tightening torque range	4.0...5.0 Nm
Solid, max.	16 mm <sup>2</sup>
Flexible, max.	35 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	35 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	35 mm <sup>2</sup>
flexible w. ferrule AEH, min. DIN 46228-1	2,5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2,5 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>
Clamping range, min.	2,5 mm <sup>2</sup>
Clamping screw	M6
Blade size	6.5 x 1.2 mm
Gauge to IEC 60947-1	B8
AWG conductor size, max.	42,41 mm <sup>2</sup>
AWG conductor size, max.	AWG 1/0
Stranded, max.	50 mm <sup>2</sup>
Stranded, min.	2,5 mm <sup>2</sup>
AWG conductor size, min.	3,31 mm <sup>2</sup>
AWG conductor size, min.	AWG 12
Flexible, min.	2,5 mm <sup>2</sup>
2nd type of connection	screwed
Connection direction	on side

### Dimensions

Weight	52,00 g
TS 35 offset	15 mm
Height of lowest version	51 mm
Length	66 mm
Width	16 mm

### Rating data

Rated cross-section	35 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse withstand voltage	6 kV
Rated current	125 A
Norm	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
Max. cross-section (UL)	AWG 1
Min. cross-section (UL)	AWG 12

### Approvals

Approvals	
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### Downloads

STEP	1040400000_26280_WDU_35N_ST
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### 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

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!  
 Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

### Related products

Order No.	Short text for material
1040480000	WDU 35N BL