

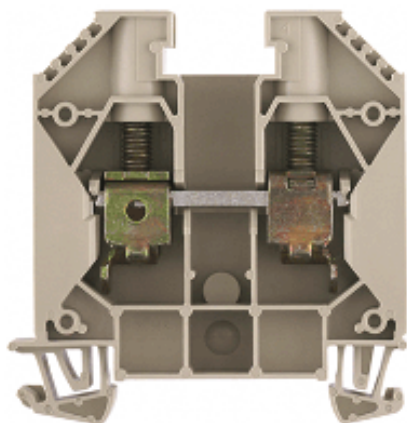
### General ordering data

Order No.	1020400000
Short text for material	WDU 16
EAN	4008190127794
Qty	50

### Product notes

Note, ordering data

**Order No. 1020400000 and 1020480000 (blue) versions without spigot (50 pcs)**



### 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	right
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"	Yes
End plate required	Yes

### CSA rating data

CSA current	85 A
Min. cross-section (CSA)	AWG 14
Voltage CSA	600 V
Max. cross-section (CSA)	AWG 6

### Conductors for clamping (1) with equal cross-section (rated connection)

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

### Conductors for clamping (rated connection)

Flexible, min.	1,5 mm <sup>2</sup>
2nd type of connection	screwed
Solid, min.	1,5 mm <sup>2</sup>
Twin wire-end ferrule, min.	1,50 mm <sup>2</sup>
Zwillings-AEH, max.	10,00 mm <sup>2</sup>
Stripping length	16 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	2.0...4.0 Nm
Solid, max.	16 mm <sup>2</sup>
Flexible, max.	25 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	16 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
flexible w. ferrule AEH, min. DIN 46228-1	1,5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1,5 mm <sup>2</sup>
Clamping range, max.	25 mm <sup>2</sup>
Clamping range, min.	1,5 mm <sup>2</sup>
Clamping screw	M 5
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	B7
AWG conductor size, max.	13,30 mm <sup>2</sup>
AWG conductor size, max.	AWG 6
Stranded, max.	25 mm <sup>2</sup>
Stranded, min.	1,5 mm <sup>2</sup>
AWG conductor size, min.	2,08 mm <sup>2</sup>
AWG conductor size, min.	AWG 14
Connection direction	on side

### Dimensions

TS 35 offset	15 mm
Length	60 mm
Weight	31,08 g
Width	11,9 mm
Height of lowest version	63 mm

### EN 60079-7 rating data

Marking ATEX Directive 94/9/EC	II 2 G D
Voltage at cross-connection DU+QV skipping	110 V
Marking ATEX Directive 94/9/EC	Ex II 2 G D
Voltage at cross-connection DU+QV/PE	750 V
Current Ex e	66 A
Marking EN 60079-7	Ex e II
Voltage Ex e	690 V
EC conformity verification certificate	KEMA 98ATEX1683 U
Voltage at cross-connection DU+QV/DU	750 V

### Rating data

Rated cross-section	16 mm <sup>2</sup>
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	76 A
Norm	IEC 60947-7-1
Current with max. conductor	101 A
Pollution severity	3

### UL rating data

Voltage UL	600 V
Current (UL)	85 A
Max. cross-section (UL)	AWG 4
Min. cross-section (UL)	AWG 18

### Approvals

Approvals



### Downloads

STEP	1020400000_09256_WDU_16_STP.
------	------------------------------

### 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
1020480000	WDU 16 BL
1020450000	WDU 16 GN WAP GE
1028900000	WDU 16/ZA
1028980000	WDU 16/ZA BL