

### General ordering data

Order No.	1042680000
Short text for material	WDU 4N BL
EAN	4032248273225
Qty	100

### IEC/EN 60079-7 rating data

Certificate No.	TÜV04ATEX2630U
ATEX certificate	TÜV04ATEX2630U_d.pdf
Download English	TÜV04ATEX2630U_e.pdf
max. voltage	440 V
Current	27 A
Conductor cross-section, max.	4 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

### Additional technical data

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

### CSA rating data

Voltage CSA	300 V
CSA current	10 A
Max. cross-section (CSA)	AWG 10
Min. cross-section (CSA)	AWG 26

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

Flexible with ferrule, max. (DIN 46228 pt 1)	1,5 mm <sup>2</sup>
Solid, max.	1,5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0,5 mm <sup>2</sup>
Flexible, max.	1,5 mm <sup>2</sup>
Solid, min.	0,5 mm <sup>2</sup>
Flexible, min.	0,5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Stripping length	11 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	0.5...1.0 Nm
Twin wire-end ferrule, min.	0,50 mm <sup>2</sup>
Twin wire end ferrule, max.	1,50 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	4 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm <sup>2</sup>
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0,5 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0,13 mm <sup>2</sup>
Clamping screw	M3
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A4
AWG conductor size, max.	5,26 mm <sup>2</sup>
AWG conductor size, max.	AWG 10
Stranded, max.	6 mm <sup>2</sup>
Torque level with DMS electric screwdriver	2
Stranded, min.	1,5 mm <sup>2</sup>
AWG conductor size, min.	0,13 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
Connection direction	on side
Flexible, min.	0,5 mm <sup>2</sup>
2nd type of connection	screwed
Solid, min.	0,5 mm <sup>2</sup>

#### Dimensions

Length	44 mm
Height of lowest version	38,5 mm
Width	6,1 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	2
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### Rating data

Rated cross-section	4 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse withstand voltage	6 kV
Rated current	32 A
Norm	IEC 60947-7-1
Current with max. conductor	39 A
Pollution severity	3

### UL rating data

Max. cross-section (UL)	AWG 12
Voltage UL	300 V
Current (UL)	10 A
Min. cross-section (UL)	AWG 26

### Approvals

Approvals 

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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
1042600000	WDU 4N

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