



### General ordering data

Order No.	1031400000
Short text for material	WDU 1.5/ZZ
EAN	4008190148546
Qty	100

### IEC/EN 60079-7 rating data

Certificate No.	KEMA98ATEX1685U
ATEX certificate	KEMA98ATEX1685U_d.pdf
Download English	KEMA98ATEX1685U_e.pdf
Certificate No.	IECECULD05.0008U
max. voltage	550 V
Current	15 A
Conductor cross-section, max.	1.5 mm <sup>2</sup>
max. voltage	550 V
Current	15 A
Conductor cross-section, max.	1.5 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

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	4
Explosion-tested version "Ex e"	Yes
End plate required	Yes

### CSA rating data

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

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

Flexible with ferrule, max. (DIN 46228 pt 1)	0,75 mm <sup>2</sup>
Solid, min.	0,5 mm <sup>2</sup>
Solid, max.	1 mm <sup>2</sup>
Flexible, max.	1 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0,5 mm <sup>2</sup>
Flexible, min.	0,5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

AWG conductor size, max.	AWG 14
Stranded, max.	2,5 mm <sup>2</sup>
AWG conductor size, min.	0,13 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
Flexible, min.	0,5 mm <sup>2</sup>
2nd type of connection	screwed
Solid, min.	0,5 mm <sup>2</sup>
Stripping length	7 mm
Type of connection	Screw connection
No. of connections	4
Torque level with DMS electric screwdriver	1
Tightening torque range	0.4...0.6 Nm
Solid, max.	2,5 mm <sup>2</sup>
Flexible, max.	1,5 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	1,5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	1,5 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.	2,5 mm <sup>2</sup>
Clamping range, min.	0,13 mm <sup>2</sup>
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A1
AWG conductor size, max.	2,08 mm <sup>2</sup>
Connection direction	on side

#### Dimensions

Weight	8,60 g
TS 35 offset	15 mm
Height of lowest version	47 mm
Length	60 mm
Width	5,1 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	1
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### Rating data

Rated cross-section	1,5 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse withstand voltage	8 kV
Rated current	17,5 A
Norm	IEC 60947-7-1
Current with max. conductor	23 A
Pollution severity	3

### UL rating data

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

### Approvals

Approvals	CSA;GOST;0344;UL/UR;EX;CE;
Approvals	

### Approvals

Approvals	
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### Downloads

STEP	1031400000_18848_WDU_1.5-ZZ_S
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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
1031480000	WDU 1.5/ZZ BL