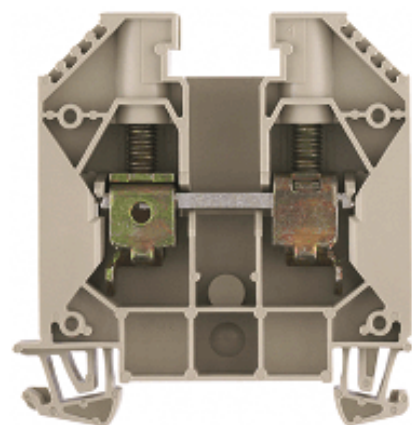
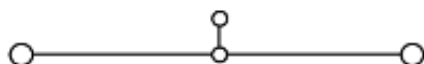




General ordering data

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

IEC/EN 60079-7 rating data

Certificate No.	KEMA98ATEX1683U
ATEX certificate	KEMA98ATEX1683U_d.pdf
Download English	KEMA98ATEX1683U_e.pdf
Certificate No.	IECEXULD05.0008U
IEC Ex certificate	IECEXULD05.0008U_e.pdf
max. voltage	690 V
Current	66 A
Conductor cross-section, max.	16 mm ²
max. voltage	690 V
Current	63 A
Conductor cross-section, max.	16 mm ²
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	2
Explosion-tested version "Ex e"	Yes
End plate required	Yes

CSA rating data

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

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

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

Conductors for clamping (rated connection)

Stripping length	16 mm
Flexible, min.	1,5 mm ²
2nd type of connection	screwed
Solid, min.	1,5 mm ²
Twin wire-end ferrule, min.	1,50 mm ²
Twin wire end ferrule, max.	10,00 mm ²
Type of connection	Screw connection
No. of connections	2
Tightening torque range	2.0...4.0 Nm
Solid, max.	16 mm ²
Flexible, max.	25 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	16 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	1,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1,5 mm ²
Clamping range, max.	25 mm ²
Clamping range, min.	1,5 mm ²
Clamping screw	M5
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	B7
AWG conductor size, max.	13,30 mm ²
AWG conductor size, max.	AWG 6
Stranded, max.	25 mm ²
Stranded, min.	1,5 mm ²
AWG conductor size, min.	2,08 mm ²
AWG conductor size, min.	AWG 14
Connection direction	on side

Dimensions

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

Rating data

Rated cross-section	16 mm ²
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 CSA;GOST;0344;UL/UR;EX;CE;

Approvals



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 mm² 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