



General ordering data

Order No.	1020300000
Short text for material	WDU 10
EAN	4008190068868
Qty	50

Product notes

Note, ordering data	For colours available see section W-series accessories "Specific functions"
Note, technical data	Note max. current of terminal (76 A) when using WQV. AWG 6/7 and H07V-R16 secured with 2.4 Nm.

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	No

CSA rating data

CSA current	65 A
Voltage CSA	600 V
Max. cross-section (CSA)	AWG 6
Min. cross-section (CSA)	AWG 16

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

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

Conductors for clamping (rated connection)

AWG conductor size, min.	1,31 mm ²
AWG conductor size, min.	AWG 16
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
Zwillings-AEH, max.	6,00 mm ²
Stripping length	12 mm
Type of connection	Screw connection
No. of connections	2
Torque level with DMS electric screwdriver	4
Tightening torque range	1.2...2.4 Nm
Solid, max.	16 mm ²
Flexible, max.	16 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.	16 mm ²
Clamping range, min.	0,82 mm ²
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	B6
AWG conductor size, max.	13,30 mm ²
AWG conductor size, max.	AWG 6
Stranded, max.	16 mm ²
Stranded, min.	1,5 mm ²
Connection direction	on side

Dimensions

TS 35 offset	15 mm
Length	60 mm
Weight	18,46 g
Width	9,9 mm
Height of lowest version	47 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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EN 60079-7 rating data

Voltage at cross-connection DU+QV/PE with end plate	550 V
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	420 V
Current Ex e	50 A
Marking EN 60079-7	Ex e II
Voltage Ex e	550 V
EC conformity verification certificate	KEMA 98ATEX1683 U
Voltage at cross-connection DU+QV/DU	550 V

Rating data

Rated cross-section	10 mm ²
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	57 A
Norm	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

UL rating data

Voltage UL	600 V
Current (UL)	65 A
Max. cross-section (UL)	AWG 6
Min. cross-section (UL)	AWG 18

Approvals

Approvals



Downloads

DXF	09255_WDU_10_DXF.dxf
STEP	1020300000_09255_WDU_10_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
1020380000	WDU 10 BL
1020350000	WDU 10 GN WAP GE
1020360000	WDU 10 OR
1042400000	WDU 10/ZR
1042480000	WDU 10/ZR BL