



General ordering data

Order No.	1020000000
Short text for material	WDU 2.5
EAN	4008190099633
Qty	100

Product notes

Note, ordering data

Rated voltage 400V when using cross-connection ZQV. See section "W-series accessories" for colours available.

Note, technical data

2.5 mm² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 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

Voltage CSA	600 V
Max. cross-section (CSA)	AWG 12
CSA current	20 A
Min. cross-section (CSA)	AWG 26

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

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

Conductors for clamping (rated connection)

Flexible, min.	0,5 mm ²
2nd type of connection	screwed
Solid, min.	0,5 mm ²
Twin wire-end ferrule, min.	0,50 mm ²
Zwillings-AEH, max.	1,50 mm ²
Stripping length	10 mm
Type of connection	Screw connection
No. of connections	2
Torque level with DMS electric screwdriver	1
Tightening torque range	0.4...0.8 Nm
Solid, max.	4 mm ²
Flexible, max.	4 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	2,5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2,5 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0,5 mm ²
Clamping range, max.	4 mm ²
Clamping range, min.	0,05 mm ²
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
AWG conductor size, max.	3,31 mm ²
AWG conductor size, max.	AWG 12
Stranded, max.	4 mm ²
Stranded, min.	1,5 mm ²
AWG conductor size, min.	0,05 mm ²
AWG conductor size, min.	AWG 30
Connection direction	on side

Dimensions

TS 35 offset	15 mm
Length	60 mm
Weight	8,03 g
Width	5,1 mm
Height of lowest version	47 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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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
Voltage at cross-connection DU+3x QV parallel	60 V
Current Ex e	21 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+2x QV parallel	110 V
Voltage at cross-connection DU+QV/DU	550 V
Voltage Ex i, EN 50020	60 V

Rating data

Rated cross-section	2,5 mm ²
Rated voltage	800 V
Rated impulse withstand voltage	8 kV
Rated current	24 A
Norm	IEC 60947-7-1
Current with max. conductor	32 A
Pollution severity	3

UL rating data

Voltage UL	600 V
Current (UL)	25 A
Max. cross-section (UL)	AWG 12
Min. cross-section (UL)	AWG 30

Approvals

Approvals



Downloads

DXF	09252_WDU_2.5_DXF.dxf
STEP	1020000000_09252_WDU_2.5_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
1020080000	WDU 2.5 BL
1020090000	WDU 2.5 GN
1020010000	WDU 2.5 SW
1020020000	WDU 2.5 GE
1037720000	WDU 2.5 GR
1037700000	WDU 2.5 PA/VI
1036800000	WDU 2.5 WS
1020700000	WDU 2.5/10 BEZ
1020800000	WDU 2.5/10 BEZ/NE
1020050000	WDU 2.5 WAP/GG
1024700000	WDU 2.5/1.5/ZR
1024780000	WDU 2.5/1.5/ZR BL