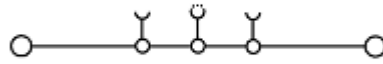


WDU 2.5 BL



General ordering data

Order No.	1020080000
Part designation	WDU 2.5 BL
Version	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35
EAN	4008190163235
Qty.	100 pc(s).

Product notes

Note, accessories

Socket and test plug, see section "W Series accessories". Ensure 2.5 mm² max. when using the WQB. Shielding rail LS 2.8 1056400000.

Product description

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.

PT OKIECEX/ATEX rating data

EU-type examination certificate

KEMA98ATEX1683U

Download, German

[KEMA98ATEX1683U_d.pdf](#)

Download English

[KEMA98ATEX1683U_e.pdf](#)

IECEX Certificate of Conformity

IECEXULD05.0008U

Download

[IECEXULD05.0008U_e.pdf](#)

ATEX voltage

550 V

ATEX current

21 A

ATEX conductor cross-section

2.5 mm²

IECEX voltage

550 V

IECEx current	20 A
IECEx conductor cross-section	2.5 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

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Solid, min.	0.5 mm ²
Solid, max.	1.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm ²

Additional technical data

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

Version	Feed-through terminal
CSA rating data	
Voltage (CSA)	600 V
CSA current	20 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12
Conductors for clamping (rated connection)	
Clamping range, min.	0.05 mm ²
Clamping range, max.	4 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.8 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	1.5 mm ²

AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.05 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	47 mm
Length	60 mm
Weight	8.4 g
TS 35 offset	32 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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Rating data

Rated cross-section	2.5 mm ²
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	24 A
Standards	IEC 60947-7-1
Current with max. conductor	32 A
Pollution severity	3

UL rating data

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

Approvals

Approvals institutes



Downloads

STEP

[1020080000_09252_WDU_2.5_BL_STP.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

Similar products

Order No.	Part designation	Version	Qty.	
▶ 1020000000	WDU 2.5	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35	100 pc(s).	▶
▶ 1020080000	WDU 2.5 BL	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35	100 pc(s).	▶
▶ 1020090000	WDU 2.5 GN	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, green, TS 35	100 pc(s).	▶
▶ 1020010000	WDU 2.5 SW	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, black, TS 35	100 pc(s).	▶
▶ 1020020000	WDU 2.5 GE	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, yellow, TS 35	100 pc(s).	▶
▶ 1037720000	WDU 2.5 GR	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, grey, TS 35	100 pc(s).	▶
▶ 1037700000	WDU 2.5 PA/VI	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, violet, TS 35	100 pc(s).	▶
▶ 1036800000	WDU 2.5 WS	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, white, TS 35	100 pc(s).	▶
▶ 1020700000	WDU 2.5/10 BEZ	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35	10 pc(s).	▶
▶ 1020800000	WDU 2.5/10 BEZ/NE	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35	10 pc(s).	▶
▶ 1020050000	WDU 2.5 WAP/GG	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35	100 pc(s).	▶
▶ 1024700000	WDU 2.5/1.5/ZR	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35	100 pc(s).	▶
▶ 1024780000	WDU 2.5/1.5/ZR BL	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35	100 pc(s).	▶