

Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)
[1020800000](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

General ordering data

Order No.	1020800000
Part designation	WDU 2.5/10 BEZ/NE
Version	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190133368
Qty.	10 pc(s).

Product notes

Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.
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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 mm ²
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

Additional technical data

Colour of insulating material	dark beige
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	10
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

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

Conductors for clamping (additional connection)
Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Torque level with DMS electric screwdriver	1
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.25 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	51 mm
Height of lowest version	37.5 mm
Length	60 mm
Weight	84.4 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	500 V
Rated current	24 A

Approvals

Approvals institutes



Classifications

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
1020000000	WDU 2.5	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1020080000	WDU 2.5 BL	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35
1020090000	WDU 2.5 GN	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, green, TS 35
1020010000	WDU 2.5 SW	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, black, TS 35
1020020000	WDU 2.5 GE	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, yellow, TS 35
1037720000	WDU 2.5 GR	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, grey, TS 35
1037700000	WDU 2.5 PA/VI	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, violet, TS 35
1036800000	WDU 2.5 WS	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, white, TS 35
1020700000	WDU 2.5/10 BEZ	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1020050000	WDU 2.5 WAP/GG	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
1024700000	WDU 2.5/1.5/ZR	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1024780000	WDU 2.5/1.5/ZR BL	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35