

## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[1037700000](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**General ordering data**

Order No.	1037700000
Part designation	WDU 2.5 PA/VI
Version	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, violet, TS 35
EAN	4008190455163
Qty.	100 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 OKIECEEx/ATEX rating data**

EU-type examination certificate	KEMA98ATEX1683U
Download, German	KEMA98ATEX1683U_d.pdf
Download English	KEMA98ATEX1683U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0008U
ATEX voltage	550 V
ATEX current	21 A
ATEX conductor cross-section	2.5 mm <sup>2</sup>
IECEEx voltage	550 V
IECEEx current	20 A
IECEEx conductor cross-section	2.5 mm <sup>2</sup>
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**

Colour of insulating material	violet
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	PA 66
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, + 100 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Feed-through terminal

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
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**Conductors for clamping (additional connection)**

 Flexible with ferrule, max. (DIN 46228 pt 1) 2.5 mm<sup>2</sup>
**Conductors for clamping (rated connection)**

Clamping range, min.	0.05 mm <sup>2</sup>
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 <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	1.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.05 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

**Dimensions**

Width	5.1 mm
Height of lowest version	47 mm
Length	60 mm
Weight	8.62 g
TS 35 offset	32 mm

**Disconnect terminals**

Torque level with DMS electric screwdriver 1

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	800 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 <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1020080000	WDU 2.5 BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35
1020090000	WDU 2.5 GN	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35
1020010000	WDU 2.5 SW	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35
1020020000	WDU 2.5 GE	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, yellow, TS 35
1037720000	WDU 2.5 GR	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, grey, TS 35
1036800000	WDU 2.5 WS	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, white, TS 35
1020700000	WDU 2.5/10 BEZ	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1020800000	WDU 2.5/10 BEZ/NE	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1020050000	WDU 2.5 WAP/GG	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1024700000	WDU 2.5/1.5/ZR	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1024780000	WDU 2.5/1.5/ZR BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35