

**General ordering data**

Order No.	1704500000
Part designation	ZDUB 2.5-2/2AN/DB
Version	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, Direct mounting
EAN	4008190948245
Qty.	100 pc(s).

**Product notes**

Note, technical data	Direct mounting
Product description	Terminal blocks for different fixing systems
Function	End terminals
Note, accessories	Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

**PT OKIECEX/ATEX rating data**

EU-type examination certificate	KEMA97ATEX2755U
Download, German	KEMA97ATEX2755U_d.pdf
Download English	KEMA97ATEX2755U_e.pdf
ATEX voltage	550 V
ATEX current	21 A
ATEX conductor cross-section	2.5 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-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	dark beige
Connection direction	top
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	Direct mounting

**Additional technical data**

Insulating material	Wemid
Levels cross-connected internally	No
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	Z-series
Type of connection	Tension clamp connection
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	End terminal

**CSA rating data**

Voltage (CSA)	600 V
CSA current	25 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Tension clamp connection
Connection direction	top
Stripping length	10 mm
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A2
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	2.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	1.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12

**Dimensions**

Width	5.1 mm
Height of lowest version	24 mm
Length	33.5 mm
TS 15 offset	17 mm

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	24 A

**Rating data**

Standards	IEC 60947-7-1
Current with max. conductor	30 A
Pollution severity	3

**UL rating data**

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

**Approvals**

Approvals institutes

**Downloads**

STEP	1704500000_25701_ZDUB2.5-2-2AN-DB_STP.stp
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**Classifications**

eClass 4.1	27-14-11-23
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

**Similar products**

Order No.	Part designation	Version
1704390000	ZDUB 2.5-2/2AN/2/DB	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, Direct mounting
1704510000	ZDUB 2.5-2/2AN/DB BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, Direct mounting
1704530000	ZDUB 2.5-2/2AN/DB GE	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, yellow, Mounting foot needed for TS 32/ TS 35
1704350000	ZDUB 2.5-2/2AN/DM	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, Direct mounting
1704360000	ZDUB 2.5-2/2AN/DM BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, Direct mounting
1704380000	ZDUB 2.5-2/2AN/DM GE	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, yellow, Direct mounting
1704370000	ZDUB 2.5-2/2AN/DM OR	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, Direct mounting
1704690000	ZDUB 2.5-2/4AN/DB	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, Direct mounting

1704700000	ZDUB 2.5-2/4AN/DB BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, Direct mounting
1704720000	ZDUB 2.5-2/4AN/DB GE	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, yellow, Direct mounting
1704540000	ZDUB 2.5-2/4AN/DM	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, Direct mounting
1704550000	ZDUB 2.5-2/4AN/DM BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, Direct mounting
1704570000	ZDUB 2.5-2/4AN/DM GE	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, yellow, Direct mounting
1704560000	ZDUB 2.5-2/4AN/DM OR	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, Direct mounting