

## Excellent Integrated System Limited

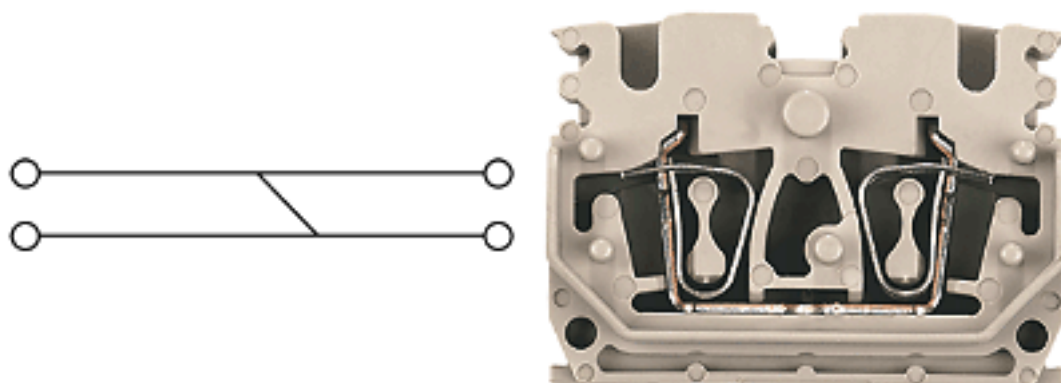
Stocking Distributor

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[Weidmüller](#)  
[1704540000](#)

For any questions, you can email us directly:

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



#### General ordering data

Order No.	1704540000
Part designation	ZDUB 2.5-2/4AN/DM
Version	Feed-through terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, Direct mounting
EAN	4008190948283
Qty.	100 pc(s).

#### Product notes

Note, technical data	Direct mounting
Product description	Terminal blocks for different fixing systems
Function	Central 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	4
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	Central 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
No. of connections	4
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>
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)	1.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	2.5 mm <sup>2</sup>

#### Dimensions

Width	10.2 mm
Height of lowest version	24 mm
Length	33.5 mm

#### Dimensions

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  
 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 1704540000\_25708\_ZDUB2.5-2-4AN-DM\_STP.stp

#### 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
1704500000	ZDUB 2.5-2/2AN/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
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