

**General ordering data**

Order No.	1704510000
Part designation	ZDUB 2.5-2/2AN/DB BL
Version	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, Direct mounting
EAN	4008190948252
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 OKIECEEx/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 ²
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	blue
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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	4 mm ²
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 ²
Solid, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	1.5 mm ²
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 ²
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

**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 ² , Tension clamp connection, Wemid, dark beige, Direct mounting
1704500000	ZDUB 2.5-2/2AN/DB	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting
1704530000	ZDUB 2.5-2/2AN/DB GE	Feed-through terminal, 2.5 mm ² , 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 ² , Tension clamp connection, Wemid, dark beige, Direct mounting
1704360000	ZDUB 2.5-2/2AN/DM BL	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, Direct mounting
1704380000	ZDUB 2.5-2/2AN/DM GE	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, yellow, Direct mounting
1704370000	ZDUB 2.5-2/2AN/DM OR	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, Orange, Direct mounting
1704690000	ZDUB 2.5-2/4AN/DB	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, dark beige, Direct mounting
1704700000	ZDUB 2.5-2/4AN/DB BL	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, blue, Direct mounting
1704720000	ZDUB 2.5-2/4AN/DB GE	Feed-through terminal, 2.5 mm ² , Tension clamp connection, Wemid, yellow, Direct mounting

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