Z terminal with tension spring connection
ZDUB 2.5-2/2AN/DM OR

Weidmüller Interface GmbH & Co. KG
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This range of small terminals with tension clamp connections enables the building of individual blocks with 2- and 4-pole terminals.
Individual blocks are made up from the middle terminals plus end plates on the open sides.
For a screw fixing, the first middle terminal plus the end plate are replaced by end terminals for the fixing. For the other types of fixing, middle terminals with a fixing option are included in the block or a mounting foot (MOFU) is fitted for attaching to the terminal rail.

General ordering data

Type	ZDUB 2.5-2/2AN/DM OR
Order No.	1704370000
Version	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 2.5 mm², Tension clamp connection, Wemid, Orange, Direct mounting
GTIN (EAN)	4008190948115
Qty.	100 pc(s).

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Technische Daten

Dimensions and weights

Length	33.5 mm	Width	5.1 mm
Height	24 mm	Height of lowest version	24 mm
Net weight	4.23 g		

Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA97ATEX2755U	ATEX certificate	KEMA97ATEX2755U_d.pdf
ATEX certificate	KEMA97ATEX2755U_e.pdf	Certificate No. (IECEX)	IECEXKEM07.0061U
IEC Ex certificate	IECEXKEM07.0061U_e.pdf	Max. voltage (ATEX)	550 V
Current (ATEX)	21 A	Wire cross section max. (ATEX)	2.5 mm²
Max. voltage (IECEX)	550 V	Current (IECEX)	21 A
Wire cross section max. (IECEX)	2.5 mm²	Voltage, cross-connection	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	II 2 G D		

Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on
Version	Tension-clamp connection, can only be bridged at the clamping point, One end without connector		

CSA ratings data

Certificate No. (CSA)	12400-379	Voltage size C (CSA)	600 V
Current size C (CSA)	25 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm²

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Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	10 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Clamping range, rated connection, min.	0.13 mm²	Clamping range, rated connection, max.	4 mm²
Gauge to IEC 60947-1	A2	Wire connection cross section, solid core, max. rated connection	0.5 mm²
Wire connection cross section, solid core max. rated connection	4 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross-section, finely stranded, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 12		

Dimensions

TS 15 offset	17 mm

Rated data

Rated cross-section	2.5 mm²	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	24 A
Current at maximum wires	30 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	600 V
Current size C (UR)	20 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

Insulating material	Wemid	Material	Wemid
Colour	Orange	UL 94 flammability rating	V-0

System specifications

Product family	Z terminal with tension spring connection	Type of connection	Tension clamp connection
Connection direction	top	Number of levels	1
No. of clamping points per level	2	Levels cross-connected internally	No
Mounting rail	Mounting plate	End cover plate required	Yes

Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-20	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

Product information

Descriptive text technical data	Direct mounting
Descriptive text accessories	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

Erstellungs-Datum January 13, 2014 8:48:15 PM CET

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Approvals

Approvals	
ROHS	Conform