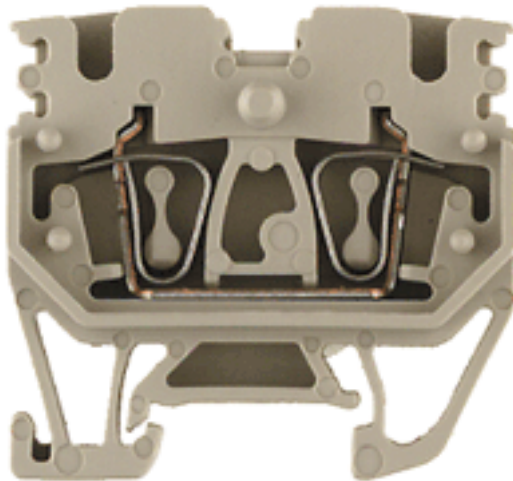


## Z terminal with tension spring connection ZDUB 2.5-2/4AN/15

**Weidmüller Interface GmbH & Co. KG**  
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 Germany  
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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 2.5-2/4AN/15
Order No.	<a href="#">1712780000</a>
Version	Z terminal with tension spring connection, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Dark Beige
GTIN (EAN)	4008190333232
Qty.	100 pc(s).

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## Technische Daten

### Dimensions and weights

Length	33.5 mm	Width	10.2 mm
Height	31 mm	Height of lowest version	32 mm
Net weight	7.42 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 mm <sup>2</sup>
Max. voltage (IECEX)	550 V	Current (IECEX)	21 A
Wire cross section max. (IECEX)	2.5 mm <sup>2</sup>	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	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

### Additional technical data

Explosion-tested version	Yes	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 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm <sup>2</sup>
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**Technische Daten**

**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
Number of connections	4	Clamping range, rated connection, min.	0.13 mm <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

**Dimensions**

TS 15 offset	17 mm
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**Rated data**

Rated cross-section	2.5 mm <sup>2</sup>	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	Dark Beige	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
Number of connections	4	No. of clamping points per level	4
Levels cross-connected internally	No	Mounting rail	TS 15
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		

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**Technische Daten**

**Product information**

Descriptive text technical data	TS 15 - block construction
Descriptive text accessories	The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

DXF	<a href="#">25782_ZDUB_2.5-2-4AN-15_DXF.dxf</a>
STEP	<a href="#">1712780000_25782_ZDUB_2_5-2_4AN15_STP.stp</a>