

**Z-series  
ZMAK 2.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

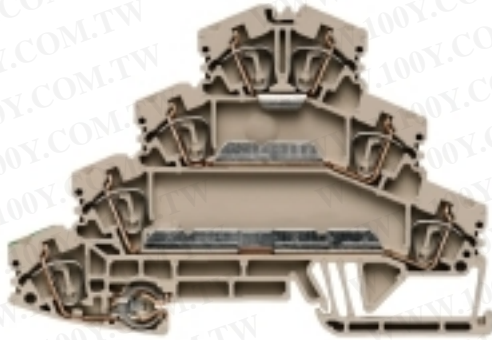
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勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
 Http://www.100y.com.tw

**Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

**General ordering data**

Type	ZMAK 2.5
Order No.	<a href="#">1768000000</a>
Version	Motor-connection terminal, Tension clamp connection, 2.5 mm <sup>2</sup> , 400 V, Dark Beige
GTIN (EAN)	4032248117376
Qty.	25 pc(s).

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**Technical data****Dimensions and weights**

Width	5.1 mm	Width (inches)	0.201 inch
Height	102 mm	Height (inches)	4.016 inch
Depth	69.5 mm	Depth (inches)	2.736 inch
Depth including DIN rail	70 mm	Net weight	22.38 g

**Temperatures**

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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**Material data**

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

**System specifications**

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of levels	4	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35

**Additional technical data**

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

**CSA rating data**

Certificate No. (CSA)	200039-1152892	Current size D (CSA)	25 A
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Clamping range, rated connection, min.	0.13 mm <sup>2</sup>	Connection direction	top
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>	Gauge to IEC 60947-1	A3
Number of connections	7	Stripping length	10 mm
Type of connection	Tension clamp connection	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 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, max.	4 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>	Wire connection cross section, solid core, min. rated connection	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.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

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**Technical data****Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	400 V
Rated current	24 A	Current at maximum wires	31 A
Standards	IEC 60947-7-1 (-7-2)	Volume resistance according to IEC 60947-7-x	3.99 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3
Surge voltage category	III		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size B (UR)	25 A
Current size D (UR)	10 A	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V		

**Classifications**

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-01	eClass 5.1	27-14-11-18
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-28	eClass 9.0	27-14-11-28
eClass 9.1	27-14-11-20		

**Approvals**

Approvals



ROHS Conform

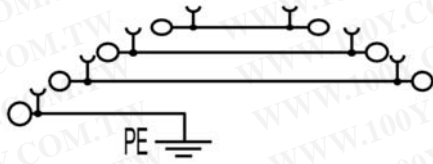
**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1102_20160418_1367_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>

**Safety note**Safety notice [Safety Information](#)

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**Drawings**

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