

**Z-series  
ZPE 2.5N**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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www.weidmueller.com

**Product image****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	ZPE 2.5N
Order No.	<a href="#">1933760000</a>
Version	PE terminal, Tension-clamp connection, 2.5 mm <sup>2</sup> , 300 A (2.5 mm <sup>2</sup> ), Green/yellow
GTIN (EAN)	4032248586790
Qty.	50 pc(s).

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Catalogue status 23.10.2020 / We reserve the right to make technical changes.

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

Width	5.1 mm	Width (inches)	0.201 inch
Height	50.5 mm	Height (inches)	1.988 inch
Depth	38.5 mm	Depth (inches)	1.516 inch
Depth including DIN rail	39 mm	Net weight	9.44 g

**Temperatures**

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Storage temperature, max.	55 °C
Storage temperature, min.	-25 °C	Storage temperature	-25 °C...55 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

**Material data**

Material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	KEMA06ATEX0271U	Certificate No. (IECEX)	IECEXULD15.0008U
Wire cross section max. (ATEX)	2.5 mm <sup>2</sup>	Wire cross section max. (IECEX)	4 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

**System specifications**

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	2
PE connection	No	Rail	TS 35
PEN function	No		

**Additional technical data**

Type of mounting	Snap-on		
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**CSA rating data**

Certificate No. (CSA)	200039-1842498	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG		

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**Technical data**
**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.05 mm <sup>2</sup>	Connection cross-section, stranded, max.	2.5 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	2
Stripping length	10 mm	Type of connection	Tension-clamp connection
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Dimensions**

TS 35 offset	26 mm
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**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage to adjoining terminal	800 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W	Rated impulse withstand voltage to adjacent terminal	6 kV
Pollution severity	3		

**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	30 AWG		

**Classifications**

ETIM 6.0	EC000901	ETIM 7.0	EC000901
eClass 9.0	27-14-11-41	eClass 9.1	27-14-11-41
eClass 10.0	27-14-11-41	UNSPSC	30-21-18-11

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">IECEX Certificate</a> <a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">INMETRO certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Cross Connection Guide</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**

