

**Z-series
ZPE 2.5N/4AN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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/4AN
Order No.	1933780000
Version	PE terminal, Tension-clamp connection, 2.5 mm ² , 300 A (2.5 mm ²), Green/yellow
GTIN (EAN)	4032248587117
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	38.5 mm	Depth (inches)	1.516 inch
Depth including DIN rail	39 mm	Net weight	12.36 g

Temperatures

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Storage temperature, max.	40 °C
Storage temperature, min.	10 °C	Storage temperature	10 °C...40 °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 ²	Wire cross section max. (IECEX)	4 mm ²
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	4
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 ²
Clamping range, min.	0.05 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	4
Stripping length	10 mm	Type of connection	Tension-clamp connection
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 35 offset	30 mm
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Rating data

Rated cross-section	2.5 mm ²	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

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Technical data
Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate IECEX Certificate EAC certificate DNVGL certificate INMETRO certificate DE_PT1102_20160418_1396_ISSUE01.pdf Declaration of Conformity Terminals
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Cross Connection Guide StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

