

**Z-series
ZPE 4-2/4AN**

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 4-2/4AN
Order No.	1807090000
Version	Z-series, PE terminal, Rated cross-section: 4 mm ² , Tension-clamp connection, Green/yellow
GTIN (EAN)	4032248329601
Qty.	100 pc(s).

Creation date March 10, 2020 10:08:17 AM CET

Catalogue status 06.03.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	6.1 mm	Width (inches)	0.24 inch
Height	75 mm	Height (inches)	2.953 inch
Depth	45.5 mm	Depth (inches)	1.791 inch
Depth including DIN rail	46 mm	Net weight	18.36 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)	DEMKO16ATEX1808U	Certificate No. (IECEX)	IECEXULD16.0036U
Wire cross section max. (ATEX)	6 mm ²	Wire cross section max. (IECEX)	6 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
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	PEN function	No

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1152892	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Connection direction	Inclined / angled
Gauge to IEC 60947-1	A3	Number of connections	4
Stripping length	10 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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.	4 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.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

PE rating data

Rated short-time current	480 A (4 mm ²)	PEN function	No
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Rating data

Rated cross-section	4 mm ²	Rated voltage to adjoining terminal	800 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W	Rated impulse withstand voltage to adjacent terminal	8 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Certificate No. (cURus)	E60693
Conductor size Factory wiring max. (UR)	10 AWG	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Conductor size Field wiring max. (UR)	10 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (UR)	26 AWG	Conductor size Field wiring min. (cURus)	26 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	Attestation of Conformity ATEX Certificate IECEX Certificate DE_PT1142_20160418_1404_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
Product Change Notification	PCN_ZPE_Q3_2020
User Documentation	NTI ZDU/ZPE 4-2/4AN StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

