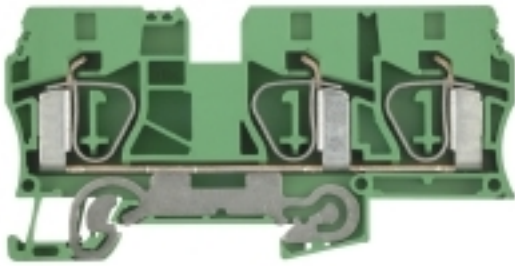


**Z-series
ZPE 10/3AN**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

**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 10/3AN
Order No.	1767670000
Version	PE terminal, Tension clamp connection, 10 mm ² , 1200 A (10 mm ²), green / yellow
GTIN (EAN)	4032248122769
Qty.	20 pc(s).

**Z-series
ZPE 10/3AN**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Width	10.1 mm	Width (inches)	0.398 inch
Height	99 mm	Height (inches)	3.898 inch
Depth	49.5 mm	Depth (inches)	1.949 inch
Depth including DIN rail	50.5 mm	Net weight	41.663 g

Temperatures

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)	KEMA00ATEX2 107U	ATEX certificate	KEMA00ATEX2 107U_d.pdf
ATEX certificate	KEMA00ATEX2 107U_e.pdf	Certificate No. (IECEX)	IECEXULD05.0009U
IEC Ex certificate	IECEXULD05.0009U_e.pdf	Wire cross section max. (ATEX)	10 mm ²
Wire cross section max. (IECEX)	10 mm ²	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	Ex e II
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	No. of clamping points per level	3
Levels cross-connected internally	No	PE connection	Yes
Mounting rail	TS 35	PEN function	No

Additional technical data

Explosion-tested version	Yes	Installation advice	Busbar
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)	6 AWG
Wire cross section min. (CSA)	16 AWG		

**Z-series
ZPE 10/3AN**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

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

Blade size	1.0 x 5.5 mm	Clamping range, rated connection, max.	16 mm ²
Clamping range, rated connection, min.	1.31 mm ²	Connection direction	top
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm ²	Gauge to IEC 60947-1	A6
Number of connections	3	Stripping length	18 mm
Type of connection	Tension clamp connection	Wire connection cross section AWG, max.	AWG 6
Wire connection cross section AWG, min.	AWG 16	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	10 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm ²	Wire connection cross section, finely stranded, max.	10 mm ²
Wire connection cross section, solid core max. rated connection	16 mm ²	Wire connection cross section, solid core, min. rated connection	1.5 mm ²
Wire connection cross section, stranded, rated connection, max.	16 mm ²	Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	10 mm ²	Wire connection cross-section, finely stranded, min.	1.5 mm ²

PE rating data

Rated short-time current	1200 A (10 mm ²)	PEN function	No
--------------------------	------------------------------	--------------	----

Rating data

Rated cross-section	10 mm ²	Rated voltage to adjoining terminal	800 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage to adjacent terminal	8 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	16 AWG	Conductor size Field wiring max. (UR)	6 AWG
Conductor size Field wiring min. (UR)	16 AWG		

Classifications

ETIM 3.0	EC000901	ETIM 4.0	EC000491
ETIM 5.0	EC000491	ETIM 6.0	EC000901
UNSPSC	30-21-18-11	eClass 5.1	27-14-03-05
eClass 6.2	27-14-03-05	eClass 7.1	27-14-03-05
eClass 8.1	27-14-11-41	eClass 9.0	27-14-11-41
eClass 9.1	27-14-11-41		

Data sheet**Z-series
ZPE 10/3AN**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

Technical data**Approvals**

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_ZPE 10_3AN.pdf DE_PT1102_20160418_1380_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD, Zuken E3.S

Safety noteSafety notice [Safety Information](#)

Data sheet

Z-series
ZPE 10/3AN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

Drawings

