

Z-series
ZP 4/1AN ZA O.RA

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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	ZP 4/1AN ZA O.RA
Order No.	1051910000
Version	Z-series, Plug-in connector, Direct mounting
GTIN (EAN)	4032248804658
Qty.	50 pc(s).

Z-series
ZP 4/1AN ZA O.RA

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data
Dimensions and weights

Width	6.5 mm	Width (inches)	0.256 inch
Height	22.5 mm	Height (inches)	0.886 inch
Depth	47.5 mm	Depth (inches)	1.87 inch
Net weight	6.46 g		

Temperatures

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	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Plug, pluggable, With assembly peg, Tension-clamp connection	End cover plate required	Yes
Number of levels	1	No. of clamping points per level	1
Levels cross-connected internally	No	PE connection	No

Additional technical data

Installation advice	Direct mounting	Open sides	right
Type of mounting	Plugged		

CSA rating data

Certificate No. (CSA)	200039-1720292	Current size C (CSA)	28 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Number of connections	1	Type of connection	Tension-clamp connection
Wire connection cross-section, solid core, max.	6 mm ²		

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	32 A	Volume resistance according to IEC 60947-7-x	1 mΩ

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	28 A
Voltage size C (cURus)	600 V		

Z-series
ZP 4/1AN ZA O.RA

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Classifications**

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC002848
eClass 6.2	27-14-92-14	eClass 7.1	27-14-03-05
eClass 8.1	27-14-11-51	eClass 9.0	27-14-11-92
eClass 9.1	27-14-11-92		

Approvals

Approvals



ROHS

Conform

Downloads

Engineering Data	EPLAN, WSCAD
Engineering Data	STEP