

Z-series
ZP 4/1AN/9

Weidmüller Interface GmbH & Co. KG
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**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/9
Order No.	1855060000
Version	Z-series, Plug-in connector, Beige, Direct mounting
GTIN (EAN)	4032248396139
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	58.5 mm	Width (inches)	2.303 inch
Height	22.5 mm	Height (inches)	0.886 inch
Depth	47.5 mm	Depth (inches)	1.87 inch
Net weight	54.8 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

System specifications

Version	Set of connectors, pluggable, Tension-clamp connection	Number of levels	1
No. of clamping points per level	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	none

Additional technical data

Installation advice	Direct mounting	Type of mounting	Plugged
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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)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	9
Stripping length	12 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.	6 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, 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

Dimensions

TS 35 offset	39 mm
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Technical data
Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-1, IEC 61984	Volume resistance according to IEC 60947-7-x	9 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

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		

Classifications

ETIM 3.0	EC000886	ETIM 4.0	EC000886
ETIM 5.0	EC000886	ETIM 6.0	EC002848
UNSPSC	30-21-18-01	eClass 6.2	27-14-92-14
eClass 7.1	27-14-03-05	eClass 8.1	27-14-11-51
eClass 9.0	27-14-11-51	eClass 9.1	27-14-11-92

Product information

Descriptive text technical data	CSA current and voltage, acc. to Gr. C
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Approvals

Approvals



ROHS	Conform
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Downloads

Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP