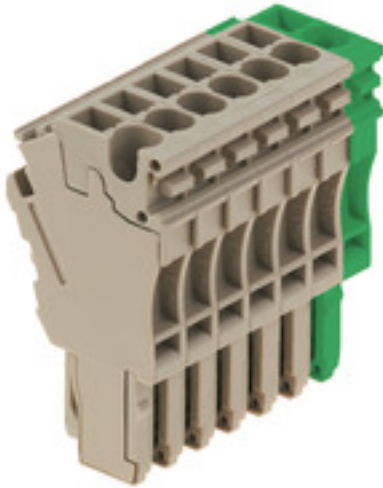


Z-series
ZP 2.5/1AN/QV/7 GN/BE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
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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	ZP 2.5/1AN/QV/7 GN/BE
Order No.	1142550000
Version	Z-series, Plug-in connector, Direct mounting
GTIN (EAN)	4032248925728
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Width	35.7 mm	Width (inches)	1.406 inch
Height	37 mm	Height (inches)	1.457 inch
Depth	41 mm	Depth (inches)	1.614 inch
Net weight	25.56 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	green, dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Set of connectors, Cross-connector, pluggable, Tension-clamp connection	End cover plate required	No
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	closed
Type of mounting	Plugged		

CSA rating data

Certificate number (cCSAus)	154685-1460993	Current size C (cCSAus)	20 A
Current size D (cCSAus)	5 A	Voltage size C (cCSAus)	300 V
Voltage size D (cCSAus)	600 V	Wire cross section max. (cCSAusX)	12 AWG
Wire cross section min. (cCSAusX)	26 AWG		

Conductors for clamping (rated connection)

Clamping range, max.	4 mm ²	Clamping range, min.	0.13 mm ²
Number of connections	7	Type of connection	Plug-in connection
Wire connection cross-section, solid core, max.	4 mm ²		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Max. voltage of clamp support & plugable system	690 V	Rated current	24 A
Volume resistance according to IEC 60947-7-x	9.31 mΩ		

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Technical data
UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	20 A
Current size D (cURus)	5 A	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 3.0	EC000447	ETIM 4.0	EC000447
ETIM 5.0	EC000447	ETIM 6.0	EC002848
eClass 6.2	27-14-11-90	eClass 7.1	27-14-11-90
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, Zuken E3.S
Engineering Data	STEP