

**Z-series
ZP 2.5/1AN/QV ZAO.RA GN**

Weidmüller Interface GmbH & Co. KG
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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 ZAO.RA GN
Order No.	1007980000
Version	Z-series, Plug-in connector, Direct mounting
GTIN (EAN)	4032248711369
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	5.1 mm	Width (inches)	0.201 inch
Height	23 mm	Height (inches)	0.906 inch
Depth	41 mm	Depth (inches)	1.614 inch
Net weight	3.96 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
UL 94 flammability rating	V-0		

System specifications

Version	Set of connectors, Cross-connector, pluggable, Tension-clamp connection, With assembly peg	End cover plate required	Yes
Number of levels	1	Number 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 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	1	Stripping length	10 mm
Type of connection	Plug-in connection	Wire connection cross-section, solid core, max.	4 mm ²

Dimensions

TS 35 offset	31 mm
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Max. voltage of clamp support & pluggable system	690 V	Rated current	24 A
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W

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Data sheet

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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 6.0	EC002848	ETIM 7.0	EC002848
eClass 9.0	27-14-11-92	eClass 9.1	27-14-11-92
eClass 10.0	27-14-11-92	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks