

**Z-series  
ZP 2.5/2AN/QV 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 2.5/2AN/QV GN
Order No.	<a href="#">1007830000</a>
Version	Z-series, Plug-in connector, Direct mounting
GTIN (EAN)	4032248711550
Qty.	50 pc(s).

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**Technical data****Dimensions and weights**

Width	10.2 mm	Width (inches)	0.402 inch
Height	36.5 mm	Height (inches)	1.437 inch
Depth	41 mm	Depth (inches)	1.614 inch
Net weight	5.64 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, 2-conductor connection, Tension-clamp connection	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	2
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 <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Number of connections	2	Stripping length	10 mm
Type of connection	Plug-in connection	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	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

**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	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>