

**Z-series  
ZP 2.5/1AN/QV/7**

**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/7
Order No.	<a href="#">1815250000</a>
Version	Z-series, Plug-in connector, dark beige, Direct mounting
GTIN (EAN)	4032248342532
Qty.	25 pc(s).

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

Width	35 mm	Width (inches)	1.378 inch
Height	23 mm	Height (inches)	0.906 inch
Depth	41 mm	Depth (inches)	1.614 inch
Net weight	25.88 g		

**Temperatures**

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

Material	Wemid	Colour code	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)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	7
Stripping length	10 mm	Type of connection	Plug-in connection
Wire connection cross section AWG, max.	AWG 26	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

# Data sheet

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# Technical data

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Max. voltage of clamp support & amp; pluggable system	690 V
Rated current	24 A	Current at maximum wires	24 A
Volume resistance according to IEC 60947-7-x	9.31 mΩ	Rated impulse withstand voltage	6 kV
Rated impulse withstand voltage to adjacent terminal	6 kV		

### 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 5.0	EC000491	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	27-14-11-92	eClass 9.1	27-14-11-92

### Approvals

Approvals



ROHS Conform

### Downloads

Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>