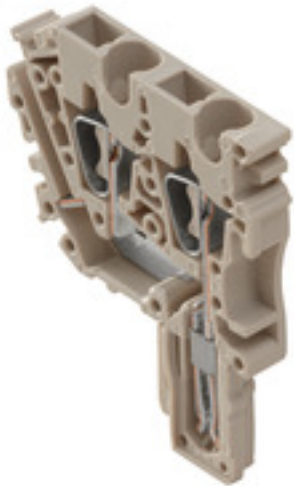


**Z-series
ZP 2.5/2AN/QV**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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 2.5/2AN/QV
Order No.	1007810000
Version	Z-series, Plug-in connector, Direct mounting
GTIN (EAN)	4032248711246
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 code	dark beige
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	No. 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 ²	Clamping range, min.	0.13 mm ²
Number of connections	2	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	1.33 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 D (cURus) 5 A

Current size C (cURus)

20 A

Voltage size D (cURus) 600 V

Voltage size C (cURus)

300 V

Classifications

ETIM 3.0

EC000897

ETIM 4.0

EC000897

ETIM 5.0

EC000897

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

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Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[STEP](#)