Z-series
ZP 2.5/1AN/QV ZA GN

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 2.5/1AN/QV ZA GN
Order No.	1007950000
Version	Z-series, Plug-in connector, Direct mounting
GTIN (EAN)	4032248711376
Qty.	50 pc(s).

Weidmüller

Z-series
ZP 2.5/1AN/QV ZA GN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

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	4.2 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	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 mm²	Clamping range, min.	0.13 mm²
Number of connections	1	Type of connection	Plug-in connection
Wire connection cross-section, solid core, max.	4 mm²		

Dimensions

TS 35 offset	31 mm

Rating data

Rated cross-section	2.5 mm²	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		

Z-series
ZP 2.5/1AN/QV ZA GN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

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	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

Downloads

Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	STEP