

**ZP 2.5/1AN/QV/7 GN/BE****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

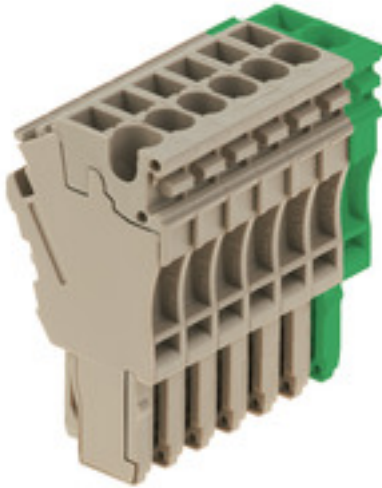
32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

**Product image**

The plugs for our WeiCoS-System are available for all different connection systems. The product range includes preassembled connectors from 1 to 10 poles and the possibility of an individual assembly. This ensures maximum flexibility for every application. The customized accessories increase the safety and protection against environmental influences.

**General ordering data**

Version	Z-series, Plug-in connector, Direct mounting
Order No.	<a href="#">1142550000</a>
Type	ZP 2.5/1AN/QV/7 GN/BE
GTIN (EAN)	4032248925728
Qty.	25 pc(s).

**ZP 2.5/1AN/QV/7 GN/BE**

Weidmüller Interfaces GmbH &amp; Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

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

Depth	41 mm	Depth (inches)	1.614 inch
Height	37 mm	Height (inches)	1.457 inch
Width	35.7 mm	Width (inches)	1.406 inch
Net weight	25.56 g		

**Temperatures**

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

**Material data**

Material	Wemid	Colour	green, 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	Number 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 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>
Number of connections	7
Stripping length	10 mm

**ZP 2.5/1AN/QV/7 GN/BE**

**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

**Technical data**

Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>	
		min.	6 mm	
		max.	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1 mm <sup>2</sup>	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm <sup>2</sup>	
		min.	8 mm	
		max.	12 mm	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>	
		nominal	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>	
		nominal	10 mm	
	Cross-section for conductor connection	nominal	1 mm <sup>2</sup>	
		nominal	10 mm	
	Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>	
		min.	10 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm <sup>2</sup>	
		min.	10 mm	
		max.	12 mm	
	Type of connection	Plug-in connection		
	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>		

**General**

Installation advice	Direct mounting	Number of poles	7
Standards	In accordance with IEC 60947-7-1		

**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
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W		

**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		

**ZP 2.5/1AN/QV/7 GN/BE**

**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

[info@weidmueller.com](mailto:info@weidmueller.com)

[www.weidmueller.com](http://www.weidmueller.com)

**Technical data**

**Classifications**

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ECLASS 9.0	27-14-11-92
ECLASS 9.1	27-14-11-92	ECLASS 10.0	27-14-11-92
ECLASS 11.0	27-14-11-92	ECLASS 12.0	27-14-11-92

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">CB Testreport</a> <a href="#">CB Certificate</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>