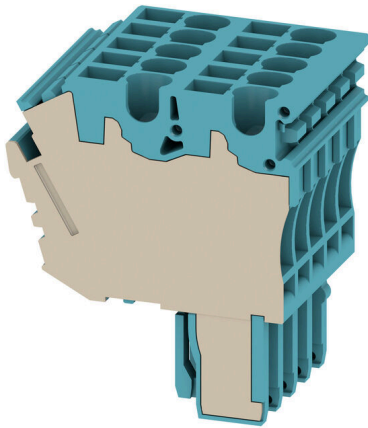


**ZP 2.5/2AN/QV/5 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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="#">2702470000</a>
Type	ZP 2.5/2AN/QV/5 BL
GTIN (EAN)	4050118711424
Qty.	20 items

## ZP 2.5/2AN/QV/5 BL

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	41 mm	Depth (inches)	1.6142 inch
Height	37 mm	Height (inches)	1.4567 inch
Width	25 mm	Width (inches)	0.9842 inch
Net weight	27.4 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### Material data

Basic material	Wemid	Colour	blue
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	No
Number of potentials	5	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No		

### Additional technical data

Open sides	closed	Installation advice	Direct mounting
Type of mounting	Plugged		

### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 26
Connection direction	top	Stripping length	10 mm
Type of connection	Plug-in connection	Number of connections	10
Clamping range, max.	4 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 12
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.	0.13 mm <sup>2</sup>

## ZP 2.5/2AN/QV/5 BL

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

### Technical data

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.	0.13 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.13 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.13 mm <sup>2</sup>		

### General

Number of poles	5	Wire connection cross section AWG, max.	AWG 26
Installation advice	Direct mounting	Wire connection cross section AWG, min.	AWG 12
Standards	In accordance with IEC 60947-7-1		

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Nominal current	24 A	Current at maximum wires	24 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Rated impulse withstand voltage to adjacent terminal	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

### Classifications

ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	EC002848	ECLASS 14.0	27-25-03-90
ECLASS 15.0	27-25-03-90		