

ZP 2.5/5 ZVR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, beige, Direct mounting
Order No.	1888130000
Type	ZP 2.5/5 ZVR
GTIN (EAN)	4032248493692
Qty.	10 items

Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Height	23 mm	Height (inches)	0.9055 inch
Width	25.5 mm	Width (inches)	1.0039 inch
Net weight	20.6 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	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Plug, pluggable, Tension-clamp connection	End cover plate required	No
Number of potentials	5	Number of levels	1
Number of clamping points per level	1	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	5
Clamping range, max.	4 mm ²	Clamping range, min.	0.13 mm ²
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, min.	0.13 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.13 mm ²	Connection cross-section, stranded, min.	0.13 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.13 mm ²

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Technical data

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	IEC 60947-7-1, IEC 61984		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1, IEC 61984
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	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		