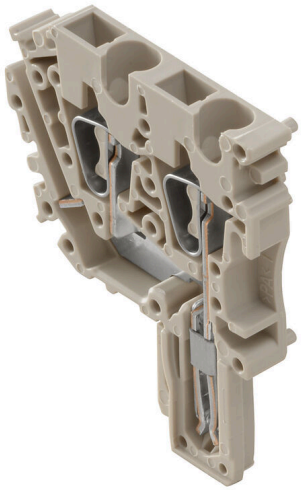
Data sheet

ZP 2.5/2AN/QV ZA O.RA

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, Direct mounting
Order No.	1007870000
Type	ZP 2.5/2AN/QV ZA O.RA
GTIN (EAN)	4032248711581
Qty.	50 items

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Technical data

Approvals

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

Dimensions and weights

Depth	41 mm	Depth (inches)	1.6142 inch
Height	36.5 mm	Height (inches)	1.437 inch
Width	10.2 mm	Width (inches)	0.4016 inch
Net weight	5.37 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	Set of connectors, Cross-connector, pluggable, 2-conductor connection, Tension-clamp connection, With assembly peg	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No		

Additional technical data

Open sides	right	Installation advice	Direct mounting
Type of mounting	Plugged		

CSA rating data

Voltage size C (cCSAus)	300 V	Current size D (cCSAus)	5 A
Wire cross section min. (cCSAusX)	26 AWG	Current size C (cCSAus)	20 A
Certificate number (cCSAus)	154685-1460993	Wire cross section max. (cCSAusX)	12 AWG
Voltage size D (cCSAus)	600 V		

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Technical data

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 12	Stripping length	10 mm
Type of connection	Plug-in connection	Number of connections	2
Clamping range, max.	4 mm²	Clamping range, min.	0.13 mm²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm²	Wire connection cross section, finely stranded, min.	0.13 mm²
Connection cross-section, stranded, min.	0.13 mm²	Wire connection cross-section, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.13 mm²		

General

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

Rating data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Max. voltage of clamp support & pluggable system	690 V	Rated DC voltage	500 V
Nominal 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

Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size D (cURus)	600 V
Certificate No. (cURus)	E60693	Conductor size Field wiring min. (cURus)	26 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Voltage size C (cURus)	300 V
Current size C (cURus)	20 A	Current size D (cURus)	5 A
Conductor size Field wiring max. (cURus)	12 AWG		

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		

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