

ZP 2.5/2AN/QV/16**Weidmüller Interfaces GmbH & Co. KG**

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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, dark beige, Direct mounting
Order No.	1815880000
Type	ZP 2.5/2AN/QV/16
GTIN (EAN)	4032248370511
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Depth	41 mm	Depth (inches)	1.614 inch
Height	37 mm	Height (inches)	1.457 inch
Width	80 mm	Width (inches)	3.15 inch
Net weight	93 g		

Temperatures

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

Material data

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	End cover plate required	No
Number of levels	1	Number of clamping points per level	2
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)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	32
Stripping length	10 mm	Type of connection	Plug-in connection
Wire connection cross section AWG, max.	AWG 26	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

General

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

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Max. voltage of clamp support & pluggable system	690 V
Rated 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

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 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

Data sheet**ZP 2.5/2AN/QV/16****Weidmüller Interfaces GmbH & Co. KG**

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