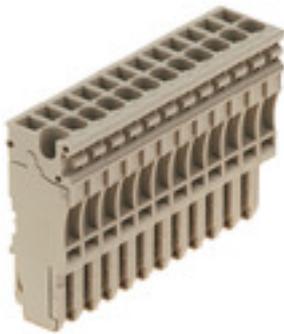## ZP 2.5/1AN/12

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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.	1815580000
Type	ZP 2.5/1AN/12
GTIN (EAN)	4032248342648
Qty.	20 pièce(s)

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Caractéristiques techniques

Dimensions and weights

Depth	41 mm	Depth (inches)	1,614 inch
Height	16 mm	Height (inches)	0,63 inch
Width	61,2 mm	Width (inches)	2,409 inch
Net weight	33,58 g		

Temperatures

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

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Plug-in connector, Tension-clamp connection	End cover plate required	No
Number of potentials	12	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)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm²
Clamping range, min.	0,13 mm²	Connection direction	top
Gauge to IEC 60947-1	A2	Number of connections	12
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 mm²	Wire connection cross section, finely stranded, min.	0,5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2,5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0,5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2,5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0,5 mm²
Wire connection cross-section, solid core, max.	4 mm²	Wire connection cross-section, solid core, min.	0,5 mm²

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Caractéristiques techniques

General

Installation advice	Direct mounting	Number of poles	12
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 mm²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Max. voltage of clamp support & pluggable system	690 V
Rated DC voltage	500 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	ETIM 9.0	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	ECLASS 13.0	27-25-03-90
ECLASS 14.0	27-25-03-90		

Environmental Product Compliance

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

Approvals

Approvals

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

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Caractéristiques techniques

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate DNV Certificate Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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