

ZP 4/1AN ZA GN**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.	1051950000
Type	ZP 4/1AN ZA GN
GTIN (EAN)	4032248804931
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	47.5 mm	Depth (inches)	1.87 inch
Height	22.5 mm	Height (inches)	0.886 inch
Width	6.5 mm	Width (inches)	0.256 inch
Net weight	6.66 g		

Temperatures

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

Material data

Material	Wemid	Colour	green
UL 94 flammability rating	V-0		

System specifications

Version	Plug, pluggable, With assembly peg, Tension-clamp connection	End cover plate required	No
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 No. (CSA)	200039-1720292	Current size C (CSA)	28 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Number of connections	1	Type of connection	Tension-clamp connection
Wire connection cross-section, solid core, max.	6 mm ²		

General

Installation advice	Direct mounting	Number of poles	1
Standards	In accordance with IEC 60947-7-1		

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	32 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W		

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Technical data

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size C (cURus)	28 A
Voltage size C (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

Environmental Product Compliance

REACH SVHC /

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks User Manual ZP 4
Catalogues	Catalogues in PDF-format