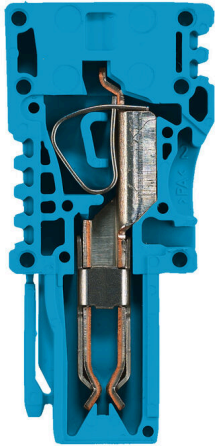


ZP 4/1AN ZA O.RA BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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.	2449680000
Type	ZP 4/1AN ZA O.RA BL
GTIN (EAN)	4050118533415
Qty.	50 items

ZP 4/1AN ZA O.RA BL

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	47.5 mm	Depth (inches)	1.8701 inch
Height	22.5 mm	Height (inches)	0.8858 inch
Width	6.5 mm	Width (inches)	0.2559 inch
Net weight	5.64 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	blue
UL 94 flammability rating	V-0		

System specifications

Version	Plug, pluggable, With assembly peg, Tension-clamp connection	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Levels cross-connected internally	No

Additional technical data

Open sides	right	Installation advice	Direct mounting
Type of mounting	Plugged		

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 10	Connection direction	top
Type of connection	Tension-clamp connection	Number of connections	1
Clamping range, max.	4 mm ²	Clamping range, min.	0.13 mm ²
Wire connection cross section AWG, min.	AWG 26	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, min.	0.13 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, min.	0.13 mm ²

ZP 4/1AN ZA O.RA BL

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 10
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	4 mm ²	Rated voltage	800 V
Nominal 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

UL rating data

Conductor size Factory wiring max. (cURus)	10 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Voltage size C (cURus)	600 V	Current size C (cURus)	28 A
Conductor size Field wiring max. (cURus)	10 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		