

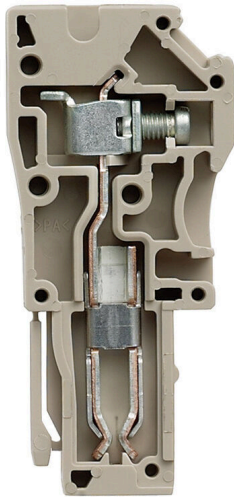
WP4/1AN/1**Weidmüller Interface GmbH & Co. KG**

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	W-Series, Plug-in connector
Order No.	1107790000
Type	WP4/1AN/1
GTIN (EAN)	4032248882915
Qty.	50 items

WP4/1AN/1

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	48.6 mm	Depth (inches)	1.9134 inch
Height	22.4 mm	Height (inches)	0.8819 inch
Width	7.1 mm	Width (inches)	0.2795 inch
Net weight	6.37 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	Screw connection, Plug	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	PE connection	No

Additional technical data

Type of mounting Plugged

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A4	Wire connection cross section AWG, max.	AWG 10
Connection direction	top	Type of connection	Screw connection
Number of connections	1	Clamping range, max.	6 mm ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 3
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 10
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²

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Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 10	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	Nominal current	32 A
Current at maximum wires	32 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (cURus)	10 AWG	Voltage size B (cURus)	600 V
Voltage size D (cURus)	600 V	Wire cross section max. (cURus)	10 AWG
Certificate No. (cURus)	E60693	Wire cross section min. (cURus)	26 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Current size B (cURus)	30 A	Voltage size C (cURus)	600 V
Current size C (cURus)	30 A	Current size D (cURus)	5 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		