Z-series, WeiCoS
ZP 4/1AN/4

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One terminal strip for the functional unit, one plug-in connector for the cable loom fabrication. All that remains to be done is to clip the two units together during final assembly – just like a plug-in connector. Finished! Whether for railway engineering, mechanical engineering or shipbuilding applications, all are served excellently by the products of the Weidmüller Z-Series. This is because the products are easy to use and practical, and the connections are simple, reliable and quick. Modular and flexible connection systems are especially in demand where complete functional units have to be prefabricated or replaced.

General ordering data

Type	ZP 4/1AN/4
Order No.	1855010000
Version	Z-series, WeiCoS, Plug-in connector, Beige, Direct mounting
GTIN (EAN)	4032248396085
Qty.	25 pc(s).

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Technische Daten

Dimensions and weights

Length	22.5 mm	Width	26 mm
Height	47.5 mm	Net weight	22.27 g

Temperatures

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

Additional technical data

Installation advice	Direct mounting	Version	Set of connectors, pluggable, Tension-clamp connection

CSA ratings data

Certificate No. (CSA)	200039-1720292	Voltage size C (CSA)	600 V
Current size C (CSA)	28 A	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	12 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Clamping range, rated connection, min.	0.13 mm²	Clamping range, rated connection, max.	6 mm²
Gauge to IEC 60947-1	A3	Wire connection cross section, solid core, max. rated connection	0.5 mm²
Wire connection cross section, solid core max. rated connection	6 mm²	Wire connection cross section, finely stranded, max.	6 mm²
Wire connection cross-section, finely stranded, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 10		

Rated data

Rated cross-section	4 mm²	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	32 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1, IEC 61984
Pollution severity	3		

UL ratings 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		

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Material data

Material	Wemid	Colour	Blue
UL 94 flammability rating	V-0		

System specifications

Product family	Z-series, WeiCoS	Type of connection	Tension clamp connection
Connection direction	top		

Classifications

ETIM 3.0	EC000886	UNSPSC	30-21-18-01
eClass 6.2	27-14-92-14	eClass 7.1	27-14-03-05

Product information

Descriptive text technical data	CSA current and voltage, acc. to Gr. C

Approvals

Approvals	
ROHS	Conform