Z-series, WeiCoS
ZP 2.5/1AN/13

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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 2.5/1AN/13
Order No.	1815590000
Version	Z-series, WeiCoS, Plug-in connector, Wemid, Dark Beige
GTIN (EAN)	4032248342723
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	16.5 mm	Width	66.3 mm
Height	41 mm	Net weight	43.5 g

Temperatures

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

Additional technical data

Open sides	closed	Type of mounting	Plugged
Version	Plug-in connector, Tension-clamp connection		

Clampable wires (rated connection)

Type of connection	Plug-in connection	Stripping length	10 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.	4 mm²
Gauge to IEC 60947-1	A2	Wire connection cross section, solid core, max. rated connection	0.5 mm²
Wire connection cross section, solid core max. rated connection	4 mm²	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, rated connection, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm²	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm²	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section AWG, max.	AWG 26		

Rated data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated impulse withstand voltage	6 kV
Rated impulse withstand voltage to adjacent terminal	6 kV	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1, IEC 61984
Pollution severity	3	Max. voltage of clamp support & pluggable system	690 V

UL ratings 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		

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Material data

Insulating material	Wemid	Material	Wemid
UL 94 flammability rating	V-0		

System specifications

Product family	Z-series, WeiCoS	Type of connection	Plug-in connection
Connection direction	top	Levels cross-connected internally	No
End cover plate required	No		

Classifications

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	2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Approvals

Approvals

ROHS	Conform