

**Z-series, WeiCoS
ZP 2.5/1AN/QV/16**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



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/QV/16
Order No.	1815340000
Version	Z-series, WeiCoS, Plug-in connector, Wemid, Dark Beige
GTIN (EAN)	4032248370146
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Length	23 mm	Width	81.6 mm
Height	41 mm	Net weight	61.5 g

Temperatures

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

Additional technical data

Number of similar terminals	1	Open sides	closed
Type of mounting	Plugged	Version	Set of connectors, Cross-connector, pluggable, Tension-clamp connection

Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	18 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Number of connections	2	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	4 mm ²	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section AWG, max.	AWG 4

Dimensions

TS 35 offset	42 mm
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Rated data

Rated cross-section	2.5 mm ²	Rated voltage	1,000 V
Rated voltage to adjoining terminal	500 V	Rated impulse withstand voltage	8 kV
Rated impulse withstand voltage to adjacent terminal	6 kV	Rated current	24 A
Current at maximum wires	24 A	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		

Erstellungs-Datum January 15, 2014 11:06:05 AM CET

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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	Tension clamp connection
Connection direction	top	Number of levels	1
Number of connections	2	No. of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

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 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.
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Approvals

Approvals



ROHS	Conform
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