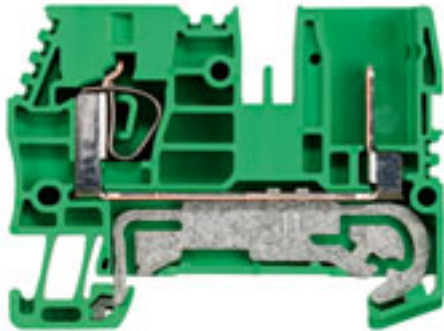


**Z-series, WeiCoS
ZTPE 4/2AN/1**

Weidmüller Interface GmbH & Co. KG
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Fon: +49 5231 14-0
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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	ZTPE 4/2AN/1
Order No.	1854970000
Version	Z-series, WeiCoS, PE terminal, Rated cross-section: 4 mm², Plug-in connection, Wemid, Green
GTIN (EAN)	4032248396030
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	58 mm	Width	6.5 mm
Height	43 mm	Height of lowest version	43.5 mm
Net weight	15 g		

Temperatures

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

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting		Version	1 tension-clamp connection - 1 plug-in connection, pluggable, With PE connection
	Snap-on		

CSA ratings data

Certificate No. (CSA)	200039-1720292	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²
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Clampable wires (rated connection)

Type of connection	Plug-in connection	Stripping length	12 mm
Blade size	0.6 x 3.5 mm	Connection direction	top
Clamping range, rated connection, min.	0.13 mm ²	Clamping range, rated connection, max.	6 mm ²
Gauge to IEC 60947-1	A3	Wire connection cross section, solid core, max. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	6 mm ²	Wire connection cross section, finely stranded, max.	6 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.	4 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 10		

Rated data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	800 V	Rated impulse withstand voltage to adjacent terminal	8 kV
Pollution severity	3	Max. voltage of clamp support & pluggable system	800 V

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Technische Daten

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		

Material data

Insulating material	Wemid	Material	Wemid
Colour	Yellow, Green	UL 94 flammability rating	V-0

System specifications

Product family	Z-series, WeiCoS	Type of connection	Plug-in connection
Connection direction	top	Number of levels	1
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes		

Classifications

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-41	eClass 6.2	27-14-11-41
eClass 7.1	27-14-11-41		

Approvals

Approvals



ROHS Conform