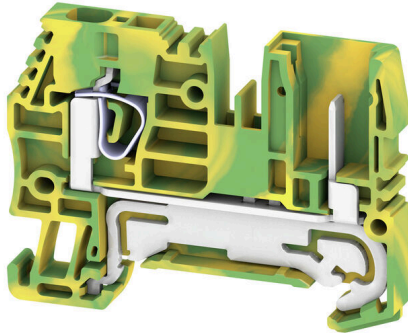


ZTPE 4/2AN/1**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

Some applications demand for a pluggable, modular solution to be more flexible or to facilitate the installation. Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. Our pluggable terminal blocks can be quickly assembled and are completely factory tested.

General ordering data

Version	Z-series, PE terminal, Rated cross-section: 4 mm ² , Tension-clamp connection, green
Order No.	1854970000
Type	ZTPE 4/2AN/1
GTIN (EAN)	4032248396030
Qty.	50 items

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	43 mm	Depth (inches)	1.6929 inch
Depth including DIN rail	43.5 mm	Height	58 mm
Height (inches)	2.2835 inch	Width	6.5 mm
Width (inches)	0.2559 inch	Net weight	12.99 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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	Green/yellow
UL 94 flammability rating	V-0		

System specifications

Version	1 tension-clamp connection - 1 plug-in connection, pluggable, With PE connection	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
PE function	Yes	PEN function	No

Additional technical data

Open sides	right	Explosion-tested version	No
Type of mounting	Snap-on		

CSA rating data

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

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Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²	Connection type, additional connection	pluggable
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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3			
Wire connection cross section AWG, max.	AWG 10			
Connection direction	top			
Stripping length	12 mm			
Type of connection	Tension-clamp connection			
Number of connections	2			
Clamping range, max.	6 mm ²			
Clamping range, min.	0.13 mm ²			
Blade size	0.6 x 3.5 mm			
Wire connection cross section AWG, min.	AWG 26			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 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.	0.13 mm ²			
Wire connection cross section, finely stranded, max.	6 mm ²			
Wire connection cross section, finely stranded, min.	0.13 mm ²			
Connection cross-section, stranded, max.	4 mm ²			
Connection cross-section, stranded, min.	0.13 mm ²			
Wire connection cross-section, solid core, max.	6 mm ²			
Wire connection cross-section, solid core, min.	0.13 mm ²			
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.5 mm ²	
		min.	8 mm	
		max.	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm ²	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1 mm ²	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1.5 mm ²	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm ²	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	4 mm ²	
		min.	10 mm	
		max.	12 mm	
	Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm ²
			min.	8 mm

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Technical data

Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	max.	12 mm
		nominal	0.75 mm ²
		min.	8 mm
	Cross-section for conductor connection	max.	12 mm
		nominal	0.5 mm ²
		nominal	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
		nominal	10 mm
		nominal	1 mm ²
	Cross-section for conductor connection	nominal	10 mm
		nominal	1.5 mm ²
		min.	10 mm
Cross-section for conductor connection	max.	12 mm	
	nominal	2.5 mm ²	
	min.	10 mm	
Cross-section for conductor connection	max.	12 mm	
	nominal	4 mm ²	
	nominal	12 mm	

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Mounting rail	TS 35		

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated voltage to adjoining terminal	800 V	Max. voltage of clamp support & pluggable system	800 V
Rated DC voltage	500 V	Nominal current	0 A
Volume resistance according to IEC 60947-7-x	1 mΩ	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	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Conductor size Field wiring max. (cURus)	10 AWG		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-17
ECLASS 15.0	27-25-01-17		

Drawings

