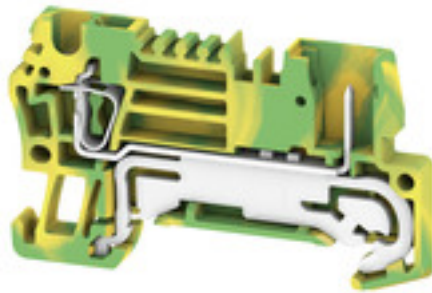


ZTPE 2.5/2AN/1**Weidmüller Interface GmbH & Co. KG**

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: 2.5 mm ² , Tension-clamp connection, Green/yellow
Order No.	1815080000
Type	ZTPE 2.5/2AN/1
GTIN (EAN)	4032248369997
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	34.5 mm	Depth (inches)	1.358 inch
Depth including DIN rail	35 mm	Height	58 mm
Height (inches)	2.283 inch	Width	5.1 mm
Width (inches)	0.201 inch	Net weight	10.12 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

Material data

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 levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	PEN function	No

Additional technical data

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

CSA rating data

Certificate number (cCSAus)	154685-1460993	Current size C (cCSAus)	20 A
Current size D (cCSAus)	5 A	Voltage size C (cCSAus)	300 V
Voltage size D (cCSAus)	600 V	Wire cross section max. (cCSAusX)	12 AWG
Wire cross section min. (cCSAusX)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²	Connection type, additional connection	Plug-in connection
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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²
Connection direction	top
Gauge to IEC 60947-1	A2
Number of connections	2
Stripping length	10 mm

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Technical data

Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.5 mm ²
		min.	6 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
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.5 mm ²
		nominal	10 mm
		nominal	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
		nominal	10 mm
		nominal	10 mm
	Cross-section for conductor connection	nominal	1 mm ²
		nominal	10 mm
		nominal	10 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
		min.	10 mm
		max.	12 mm
	Cross-section for conductor connection	nominal	2.5 mm ²
		min.	10 mm
		max.	12 mm
Type of connection	Tension-clamp connection		
Wire connection cross section AWG, max.	AWG 26		
Wire connection cross section AWG, min.	AWG 12		
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, max.	2.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	4 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Rail	TS 35	Standards	In accordance with IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 26	Wire connection cross section AWG, min.	AWG 12

Creation date November 18, 2022 10:30:36 PM CET

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Technical data**Rating data**

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Max. voltage of clamp support & plugable system	690 V
Standards	In accordance with IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage to adjacent terminal	6 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

UL rating 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		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41	ECLASS 12.0	27-14-11-41

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

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www.weidmueller.com**Technical data****Downloads**Approval/Certificate/Document of
Conformity[EAC certificate](#)
[DNVGL certificate](#)
[CB Testreport](#)
[CB Certificate](#)
[Declaration of Conformity](#)
[CE Declaration of Conformity all terminals](#)
[UKCA Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

Product Change Notification

[PCN_ZPE_Q2_2021 - EN](#)
[PCN_ZPE_Q2_2021 - DE](#)
[Product Change Notification ZPE Q1/2022 DE](#)
[Product Change Notification Q1/2022 EN](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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Drawings

