

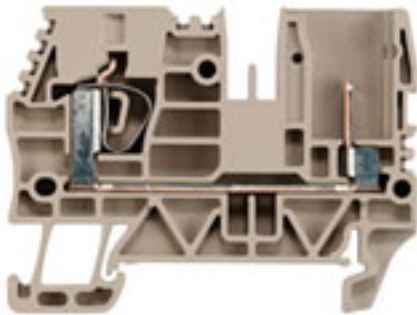
**ZT 4/2AN/1****Weidmüller Interface GmbH & Co. KG**

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, Feed-through terminal, Rated cross-section: 4 mm <sup>2</sup> , Tension-clamp connection, dark beige
Order No.	<a href="#">1854960000</a>
Type	ZT 4/2AN/1
GTIN (EAN)	4032248395705
Qty.	50 pc(s).

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Catalogue status 03.02.2023 / We reserve the right to make technical changes.

## ZT 4/2AN/1

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## Technical data

## Dimensions and weights

Depth	43 mm	Depth (inches)	1.693 inch
Depth including DIN rail	43.5 mm	Height	58 mm
Height (inches)	2.283 inch	Width	6.5 mm
Width (inches)	0.256 inch	Net weight	11 g

## Temperatures

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

## Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## System specifications

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

## Additional technical data

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

## CSA rating data

Certificate No. (CSA)	200039-1720292	Current size C (CSA)	28 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

## Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm <sup>2</sup>	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.	6 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>
Connection direction	top
Gauge to IEC 60947-1	A3
Number of connections	1
Stripping length	12 mm

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## Technical data

Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>	
		min.	8 mm	
		max.	12 mm	
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.5 mm <sup>2</sup>	
		min.	8 mm	
		max.	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1 mm <sup>2</sup>	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm <sup>2</sup>	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	4 mm <sup>2</sup>	
		min.	10 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 <sup>2</sup>
			nominal	10 mm
		Cross-section for conductor connection	nominal	0.75 mm <sup>2</sup>
			nominal	10 mm
		Cross-section for conductor connection	nominal	1 mm <sup>2</sup>
			nominal	10 mm
Cross-section for conductor connection		nominal	1.5 mm <sup>2</sup>	
		min.	10 mm	
		max.	12 mm	
Cross-section for conductor connection		nominal	2.5 mm <sup>2</sup>	
		min.	10 mm	
		max.	12 mm	
Cross-section for conductor connection		nominal	4 mm <sup>2</sup>	
		nominal	12 mm	
Type of connection		Tension-clamp connection		
Type of connection 2		Plug-in connection		
Wire connection cross section AWG, max.		AWG 10		
Wire connection cross section AWG, min.		AWG 26		
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>			
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>			
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>			
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>			

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## Technical data

## General

Rail	TS 35	Standards	In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26

## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 V
Max. voltage of clamp support & pluggable system	800 V	Rated current	32 A
Current at maximum wires	32 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

## UL rating 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	Current size C (cURus)	28 A
Voltage size C (cURus)	600 V		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Data sheet**

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**Drawings**

