

**A3T 1.5 PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

**General ordering data**

Version	PE terminal, Multi-tier modular terminal, PUSH IN, 1.5 mm <sup>2</sup> , Green/yellow
Order No.	<a href="#">2818000000</a>
Type	A3T 1.5 PE
GTIN (EAN)	4064675326960
Qty.	50 pc(s).

## A3T 1.5 PE

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

### Dimensions and weights

Depth	57 mm	Depth (inches)	2.244 inch
Height	106.5 mm	Height (inches)	4.193 inch
Width	3.5 mm	Width (inches)	0.138 inch
Net weight	12.643 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

### Material data

Material	Wemid	Colour	Green/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

### System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	3	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	Yes
Rail	TS 35	PE function	Yes
PEN function	No		

### Additional technical data

Open sides	right	Snap-on	Yes
Type of fixing	Snap-on	Type of mounting	TS 35

### Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm		
Clamping range, max.	1.5 mm <sup>2</sup>		
Clamping range, min.	0.14 mm <sup>2</sup>		
Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>		
Connection direction	top		
Gauge to IEC 60947-1	A1		
Number of connections	6		
Stripping length	8 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	8 mm
	Cross-section for conductor connection	min.	0.14 mm <sup>2</sup>
		max.	0.75 mm <sup>2</sup>
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	5 mm
	Cross-section for conductor connection	nominal	0.25 mm <sup>2</sup>
	Tube length	nominal	6 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>	
Type of connection	PUSH IN		
Wire connection cross section AWG, max.	AWG 14		

## A3T 1.5 PE

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	1.5 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.	1.5 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, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

### General

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

### PE rating data

Rated short-time current	180 A (1.5 mm <sup>2</sup> )	PEN function	No
--------------------------	------------------------------	--------------	----

### Rating data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage to adjoining terminal	500 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3
Surge voltage category	III		

### UL rating data

Certificate No. (cURus)	E60693	Wire cross section max. (cURus)	14 AWG
Wire cross section 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

## A3T 1.5 PE

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Approvals

Approvals



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

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">UKCA Ex Certificate</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">NTI A3T 1.5 FT FT PE-A3T 1.5 PE</a> <a href="#">NTI A3T 1.5 V-A3T 1.5 PE</a> <a href="#">NTI A3T 1.5-A3T 1.5 PE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Data sheet**

**A3T 1.5 PE**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

