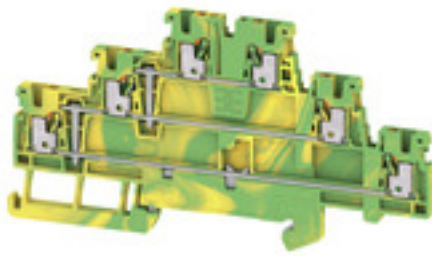


A3T 1.5 PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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	Multi-tier modular terminal, PE terminal, PUSH IN, 1.5 mm ² , Green/yellow
Order No.	2818000000
Type	A3T 1.5 PE
GTIN (EAN)	4064675326960
Qty.	50 pc(s).

A3T 1.5 PE

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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

CSA rating data

Certificate No. (CSA)	200039-70089609	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm		
Clamping range, max.	1.5 mm ²		
Clamping range, min.	0.14 mm ²		
Connection cross-section, stranded, max.	1.5 mm ²		
Connection cross-section, stranded, min.	0.5 mm ²		
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	Cross-section for conductor connection	min.	0.14 mm ²
		max.	0.75 mm ²
	Tube length	min.	6 mm
		max.	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	nominal	0.25 mm ²
	Tube length	min.	5 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	nominal	6 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
	Tube length	nominal	10 mm
Type of connection	PUSH IN		
Wire connection cross section AWG, max.	AWG 14		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross section, finely stranded, max.	1.5 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.	1.5 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.	1.5 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.	1.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

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 ²)	PEN function	No
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Rating data

Rated cross-section	1.5 mm ²	Rated voltage to adjoining terminal	500 V
Rated DC voltage	500 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Rated impulse withstand voltage	6 kV
Rated impulse withstand voltage to adjacent terminal	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		

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Technical data**Classifications**

ETIM 7.0	EC000901	ETIM 8.0	EC000901
ETIM 9.0	EC000901	ECLASS 11.0	27-14-11-41
ECLASS 12.0	27-14-11-41	ECLASS 13.0	27-25-01-04
ECLASS 14.0	27-25-01-04		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate UKCA Ex Certificate Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	NTI A3T 1.5 FT FT PE-A3T 1.5 PE NTI A3T 1.5 V-A3T 1.5 PE NTI A3T 1.5-A3T 1.5 PE
Catalogues	Catalogues in PDF-format

A3T 1.5 PE

Weidmüller Interface GmbH & Co. KG

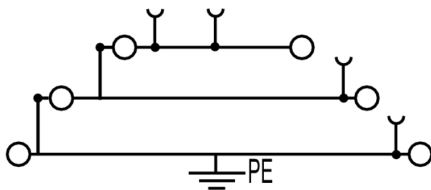
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Drawings



A3T 1.5 PE

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Accessories

SnapMark



SnapMark - this tag carrier has been developed specifically for the I-series double-level terminal IDK 1.5N. The flexible pivot mechanism allows cross-connections to be easily installed or removed. It can hold four DEK 5 labelling tags or two WS 10/5 Middle connector markers.

General ordering data

Type	SNAPMARK 1.5	Version
Order No.	2682080000	Group markers, Terminal marker, 26 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118821772	Weidmueller, white
Qty.	40 pc(s).	

1.5 mm²

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	AEP 3T 1.5	Version
Order No.	2816950000	A-series, End plate
GTIN (EAN)	4064675315391	
Qty.	20 pc(s).	