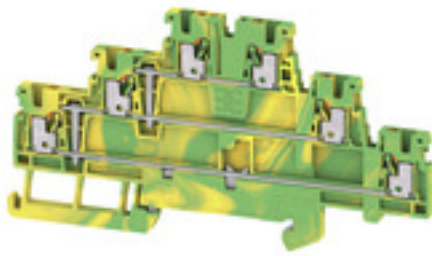


A3T 1.5 PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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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).

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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	Tube length	min.	6 mm
		max.	8 mm
	Cross-section for conductor connection	min.	0.14 mm ²
		max.	0.75 mm ²

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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	ETIM 10.0	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
ECLASS 15.0	27-25-01-04		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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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

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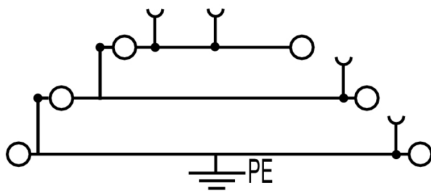
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Drawings



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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).	

A-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	AEB 35 SC/1	Version
Order No.	1991920000	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	
Type	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	
Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	

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Accessories

A-Series



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	ATPG 1.5-10 L	Version
Order No.	1991890000	Test adapter (terminal), 1.5 mm ² , 250 V, 0.2 A
GTIN (EAN)	4050118376647	
Qty.	50 pc(s).	
Type	ATPG 1.5 MI-R	Version
Order No.	1991880000	Test adapter (terminal), 1.5 mm ² , 250 V, 0.2 A
GTIN (EAN)	4050118376715	
Qty.	50 pc(s).	

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/3.5 MC NE GE	Version
Order No.	1369480000	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118171860	Weidmueller, yellow
Qty.	500 pc(s).	
Type	DEK 5/3.5 MC NE WS	Version
Order No.	1755270000	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248017348	Weidmueller, white
Qty.	500 pc(s).	

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Accessories

Type	DEK 5/3.5 PLUS MC NE WS	Version
Order No.	2003750000	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118424430	Weidmueller, white
Qty.	1,600 pc(s).	

1.5 mm²


The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 1.5N/10	Version
Order No.	1985580000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370416	10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/9	Version
Order No.	1985560000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370409	9, Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/3	Version
Order No.	1985480000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370096	3, Pitch in mm (P): 3.50, Insulated: Yes, Width: 9 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/5	Version
Order No.	1985500000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118369991	5, Pitch in mm (P): 3.50, Insulated: Yes, Width: 16 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/9 BL	Version
Order No.	1985660000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 9,
GTIN (EAN)	4050118370478	Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/7 RD	Version
Order No.	1985750000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 7,
GTIN (EAN)	4050118370249	Pitch in mm (P): 3.50, Insulated: Yes, Width: 23 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/3 RD	Version
Order No.	1985670000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 3,
GTIN (EAN)	4050118370348	Pitch in mm (P): 3.50, Insulated: Yes, Width: 9 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/20 RD	Version
Order No.	1985810000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 20,
GTIN (EAN)	4050118370355	Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 pc(s).	

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Accessories

Type	ZQV 1.5N/50 BL	Version
Order No.	1985720000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles:
GTIN (EAN)	4050118370546	50, Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 pc(s).	
Type	ZQV 1.5N/2 RD	Version
Order No.	1985650000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 2,
GTIN (EAN)	4050118370324	Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/10 RD	Version
Order No.	1985800000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 10,
GTIN (EAN)	4050118370393	Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/20	Version
Order No.	1985600000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370225	20, Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/3 BL	Version
Order No.	1985550000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 3,
GTIN (EAN)	4050118370485	Pitch in mm (P): 3.50, Insulated: Yes, Width: 9 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/8 BL	Version
Order No.	1985640000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 8,
GTIN (EAN)	4050118370461	Pitch in mm (P): 3.50, Insulated: Yes, Width: 26.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/20 BL	Version
Order No.	1985700000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles:
GTIN (EAN)	4050118370331	20, Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/7	Version
Order No.	1985520000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370195	7, Pitch in mm (P): 3.50, Insulated: Yes, Width: 23 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/50	Version
Order No.	1985620000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370300	50, Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 pc(s).	
Type	ZQV 1.5N/10 BL	Version
Order No.	1985680000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles:
GTIN (EAN)	4050118370539	10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/8 RD	Version
Order No.	1985770000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 8,
GTIN (EAN)	4050118370508	Pitch in mm (P): 3.50, Insulated: Yes, Width: 26.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/5 BL	Version
Order No.	1985590000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 5,
GTIN (EAN)	4050118370430	Pitch in mm (P): 3.50, Insulated: Yes, Width: 16 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/2	Version
Order No.	1985410000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118369861	2, Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
Qty.	60 pc(s).	

Creation date May 11, 2025 10:22:07 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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Accessories

Type	ZQV 1.5N/7 BL	Version
Order No.	1985630000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 7,
GTIN (EAN)	4050118370522	Pitch in mm (P): 3.50, Insulated: Yes, Width: 23 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/2 BL	Version
Order No.	1985530000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 2,
GTIN (EAN)	4050118370423	Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/9 RD	Version
Order No.	1985790000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 9,
GTIN (EAN)	4050118370386	Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/4 RD	Version
Order No.	1985690000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 4,
GTIN (EAN)	4050118370515	Pitch in mm (P): 3.50, Insulated: Yes, Width: 12.5 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/6 BL	Version
Order No.	1985610000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 6,
GTIN (EAN)	4050118370492	Pitch in mm (P): 3.50, Insulated: Yes, Width: 19.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/4 BL	Version
Order No.	1985570000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 4,
GTIN (EAN)	4050118370317	Pitch in mm (P): 3.50, Insulated: Yes, Width: 12.5 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/6	Version
Order No.	1985510000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370188	6, Pitch in mm (P): 3.50, Insulated: Yes, Width: 19.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/8	Version
Order No.	1985540000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370218	8, Pitch in mm (P): 3.50, Insulated: Yes, Width: 26.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/5 RD	Version
Order No.	1985710000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 5,
GTIN (EAN)	4050118370256	Pitch in mm (P): 3.50, Insulated: Yes, Width: 16 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/6 RD	Version
Order No.	1985730000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 6,
GTIN (EAN)	4050118370454	Pitch in mm (P): 3.50, Insulated: Yes, Width: 19.5 mm
Qty.	20 pc(s).	
Type	ZQV 1.5N/4	Version
Order No.	1985490000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles:
GTIN (EAN)	4050118370201	4, Pitch in mm (P): 3.50, Insulated: Yes, Width: 12.5 mm
Qty.	60 pc(s).	
Type	ZQV 1.5N/50 RD	Version
Order No.	1985820000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 50,
GTIN (EAN)	4050118370270	Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 pc(s).	

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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).	