

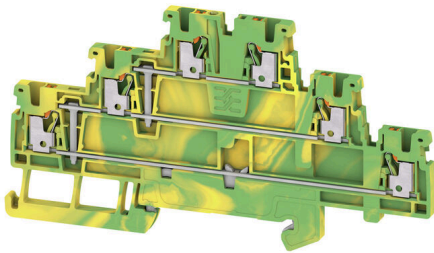
A3T 1.5 PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

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 items

A3T 1.5 PE

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	57 mm	Depth (inches)	2.2441 inch
Height	106.5 mm	Height (inches)	4.1929 inch
Width	3.5 mm	Width (inches)	0.1378 inch
Net weight	12.64 g		

Temperatures

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

Environmental Product Compliance

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

Material data

Basic 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
Mounting 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

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

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1 A1

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Technical data

Wire connection cross section AWG, max.	AWG 14		
Connection direction	top		
Stripping length	8 mm		
Type of connection	PUSH IN		
Number of connections	6		
Clamping range, max.	1.5 mm ²		
Clamping range, min.	0.14 mm ²		
Blade size	0.4 x 2.0 mm		
Wire connection cross section AWG, min.	AWG 26		
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.	0.14 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.	0.14 mm ²		
Wire connection cross section, finely stranded, max.	1.5 mm ²		
Wire connection cross section, finely stranded, min.	0.14 mm ²		
Connection cross-section, stranded, max.	1.5 mm ²		
Connection cross-section, stranded, min.	0.14 mm ²		
Wire connection cross-section, solid core, max.	1.5 mm ²		
Wire connection cross-section, solid core, min.	0.14 mm ²		
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
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 ²
	Tube length	nominal	6 mm
		min.	0.5 mm ²
	Cross-section for conductor connection	max.	1 mm ²
		nominal	10 mm
Cross-section for conductor connection	nominal	1.5 mm ²	

General

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

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	Power loss in accordance with IEC 60947-7-x	0.00 W
Surge voltage category	III	Pollution severity	3

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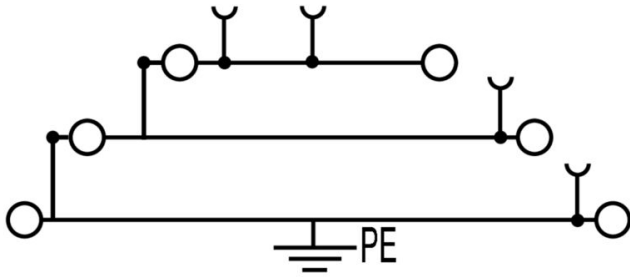
Technical data**UL rating data**

Wire cross section max. (cURus)	14 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	26 AWG		

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-04
ECLASS 15.0	27-25-01-04		

Drawings



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Weidmüller Interface GmbH & Co. KG

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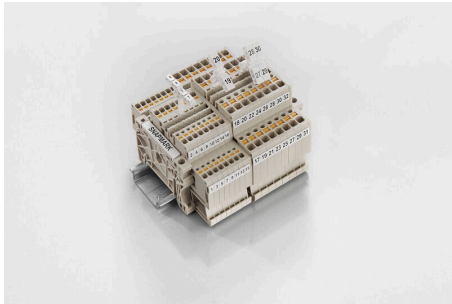
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Accessories

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 ST		

End plates and partition plates

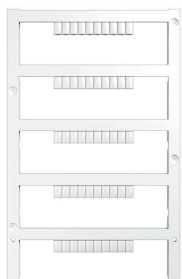


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

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

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.

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Accessories

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 ST	
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 ST	
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.	1600 ST	

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	ZQV 1.5N/10	Version
Order No.	1985580000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles: 10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
GTIN (EAN)	4050118370416	
Qty.	20 ST	
Type	ZQV 1.5N/10 BL	Version
Order No.	1985680000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
GTIN (EAN)	4050118370539	
Qty.	20 ST	
Type	ZQV 1.5N/10 RD	Version
Order No.	1985800000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
GTIN (EAN)	4050118370393	
Qty.	20 ST	
Type	ZQV 1.5N/2	Version
Order No.	1985410000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of poles: 2, Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
GTIN (EAN)	4050118369861	
Qty.	60 ST	
Type	ZQV 1.5N/2 BL	Version
Order No.	1985530000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 2, Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
GTIN (EAN)	4050118370423	
Qty.	60 ST	
Type	ZQV 1.5N/2 RD	Version
Order No.	1985650000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 2, Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
GTIN (EAN)	4050118370324	
Qty.	60 ST	

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Accessories

Type	ZQV 1.5N/20	Version
Order No.	1985600000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370225	poles: 20, Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 ST	
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 ST	
Type	ZQV 1.5N/20 RD	Version
Order No.	1985810000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles:
GTIN (EAN)	4050118370355	20, Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 ST	
Type	ZQV 1.5N/3	Version
Order No.	1985480000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370096	poles: 3, Pitch in mm (P): 3.50, Insulated: Yes, Width: 9 mm
Qty.	60 ST	
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 ST	
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 ST	
Type	ZQV 1.5N/4	Version
Order No.	1985490000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370201	poles: 4, Pitch in mm (P): 3.50, Insulated: Yes, Width: 12.5 mm
Qty.	60 ST	
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 ST	
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 ST	
Type	ZQV 1.5N/5	Version
Order No.	1985500000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118369991	poles: 5, Pitch in mm (P): 3.50, Insulated: Yes, Width: 16 mm
Qty.	20 ST	
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 ST	
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 ST	
Type	ZQV 1.5N/50	Version
Order No.	1985620000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370300	poles: 50, Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 ST	

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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 ST	
Type	ZQV 1.5N/50 RD	Version
Order No.	1985820000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles:
GTIN (EAN)	4050118370270	50, Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 ST	
Type	ZQV 1.5N/6	Version
Order No.	1985510000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370188	poles: 6, Pitch in mm (P): 3.50, Insulated: Yes, Width: 19.5 mm
Qty.	20 ST	
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 ST	
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 ST	
Type	ZQV 1.5N/7	Version
Order No.	1985520000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370195	poles: 7, Pitch in mm (P): 3.50, Insulated: Yes, Width: 23 mm
Qty.	20 ST	
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 ST	
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 ST	
Type	ZQV 1.5N/8	Version
Order No.	1985540000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370218	poles: 8, Pitch in mm (P): 3.50, Insulated: Yes, Width: 26.5 mm
Qty.	20 ST	
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 ST	
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 ST	
Type	ZQV 1.5N/9	Version
Order No.	1985560000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370409	poles: 9, Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm
Qty.	20 ST	
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 ST	

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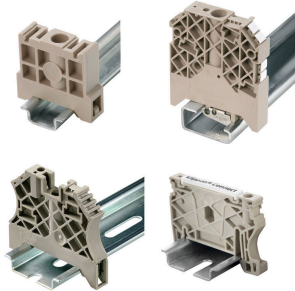
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Type	ZQV 1.5N/9 RD	Version	
Order No.	1985790000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 9,	
GTIN (EAN)	4050118370386	Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm	
Qty.	20 ST		

End bracket



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 ST		
Type	AEB 35 SC/1 BK	Version	
Order No.	2475310000	A-series, End bracket	
GTIN (EAN)	4050118487114		
Qty.	50 ST		
Type	AEB 35 SC/1 RM	Version	
Order No.	3112300000	A-series, End bracket	
GTIN (EAN)	4099987196413		
Qty.	50 ST		
Type	AEB 35 SCL/1 RM	Version	
Order No.	3112310000	A-series, End bracket	
GTIN (EAN)	4099987196420		
Qty.	20 ST		
Type	AEB 35 SCL/1 V0	Version	
Order No.	2661280000	A-series, End bracket	
GTIN (EAN)	4050118702163		
Qty.	20 ST		
Type	AEB 35 SCL/1 V0 BK	Version	
Order No.	2661300000	A-series, End bracket	
GTIN (EAN)	4050118702187		
Qty.	20 ST		
Type	AEB 35 SCL/1 V0 GY	Version	
Order No.	2661290000	A-series, End bracket	
GTIN (EAN)	4050118702170		
Qty.	20 ST		

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Accessories

Testadapter and testsockets



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 MI-R	Version
Order No.	1991880000	Test adapter (terminal), 1.5 mm ² , 250 V, 0.2 A
GTIN (EAN)	4050118376715	
Qty.	50 ST	
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 ST	
Type	FZS 2/4 RT/80 SAKT4	Version
Order No.	1276300000	Plug (terminal), Plug-in connection, 2 mm ² , Number of connections: 2,
GTIN (EAN)	4008190026080	Number of poles: 1, Width: 9 mm
Qty.	20 ST	