

**A3T 1.5****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	Feed-through terminal, Multi-tier modular terminal, PUSH IN, 1.5 mm <sup>2</sup> , 500 V, 15 A, dark beige
Order No.	<a href="#">2816930000</a>
Type	A3T 1.5
GTIN (EAN)	4064675315353
Qty.	50 pc(s).

Creation date June 21, 2023 7:18:32 PM CEST

Catalogue status 09.06.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	53 mm	Depth (inches)	2.087 inch
Height	106.5 mm	Height (inches)	4.193 inch
Width	3.5 mm	Width (inches)	0.138 inch
Net weight	10.56 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	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

## Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	440 V	Current (ATEX)	14 A
Wire cross section max. (ATEX)	1.5 mm <sup>2</sup>	Max. voltage (IECEX)	440 V
Current (IECEX)	14 A	Wire cross section max. (IECEX)	1.5 mm <sup>2</sup>

## System specifications

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

## Additional technical data

Open sides	right	Snap-on	Yes
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	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 <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>

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## Technical data

## General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

## Rating data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	500 V
Rated current	15 A	Current at maximum wires	15 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
Pollution severity	3	Surge voltage category	III

## UL rating data

Certificate No. (cURus)	E60693	Current size B (cURus)	15 A
Current size C (cURus)	15 A	Current size D (cURus)	5 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V	Wire cross section max. (cURus)	14 AWG
Wire cross section min. (cURus)	26 AWG		

## 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



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">DNVGL certificate</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="#">NTIA3T 1.5-A3T 1.5 PE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

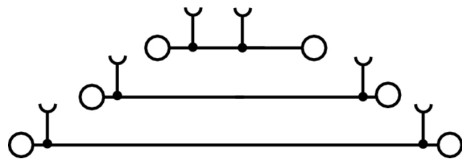
**Data sheet**

**A3T 1.5**

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**Drawings**



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**Accessories**

**Custom printing**



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 SDR	Version
Order No.	<a href="#">1767730000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248102532	Weidmueller, To customer specification
Qty.	100 pc(s).	
Type	DEK 5/3.5 PLUS MC SDR	Version
Order No.	<a href="#">2007790000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118393347	Weidmueller, To customer specification
Qty.	320 pc(s).	

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## Accessories

## DEK 5/3.5

**WS/ DEK**

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

**Your benefits with MultiMark**

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

**General ordering data**

Type	DEK 5/3.5 MM WS	Version	
Order No.	<a href="#">2007100000</a>		Dekafix, Terminal marker, 5 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118391992		
Qty.	1,000 pc(s).		

1.5 mm<sup>2</sup>

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/9 RD
Order No.	<a href="#">1985790000</a>
GTIN (EAN)	4050118370386
Qty.	20 pc(s).
Type	ZQV 1.5N/2 RD
Order No.	<a href="#">1985650000</a>
GTIN (EAN)	4050118370324
Qty.	60 pc(s).

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Type	ZQV 1.5N/8
Order No.	<a href="#">1985540000</a>
GTIN (EAN)	4050118370218
Qty.	20 pc(s).
Type	ZQV 1.5N/10 RD
Order No.	<a href="#">1985800000</a>
GTIN (EAN)	4050118370393
Qty.	20 pc(s).
Type	ZQV 1.5N/9 BL
Order No.	<a href="#">1985660000</a>
GTIN (EAN)	4050118370478
Qty.	20 pc(s).
Type	ZQV 1.5N/7 BL
Order No.	<a href="#">1985630000</a>
GTIN (EAN)	4050118370522
Qty.	20 pc(s).
Type	ZQV 1.5N/50
Order No.	<a href="#">1985620000</a>
GTIN (EAN)	4050118370300
Qty.	5 pc(s).
Type	ZQV 1.5N/4 BL
Order No.	<a href="#">1985570000</a>
GTIN (EAN)	4050118370317
Qty.	60 pc(s).
Type	ZQV 1.5N/6 BL
Order No.	<a href="#">1985610000</a>
GTIN (EAN)	4050118370492
Qty.	20 pc(s).
Type	ZQV 1.5N/5 BL
Order No.	<a href="#">1985590000</a>
GTIN (EAN)	4050118370430
Qty.	20 pc(s).
Type	ZQV 1.5N/20 RD
Order No.	<a href="#">1985810000</a>
GTIN (EAN)	4050118370355
Qty.	20 pc(s).
Type	ZQV 1.5N/10 BL
Order No.	<a href="#">1985680000</a>
GTIN (EAN)	4050118370539
Qty.	20 pc(s).
Type	ZQV 1.5N/7
Order No.	<a href="#">1985520000</a>
GTIN (EAN)	4050118370195
Qty.	20 pc(s).
Type	ZQV 1.5N/2 BL
Order No.	<a href="#">1985530000</a>
GTIN (EAN)	4050118370423
Qty.	60 pc(s).
Type	ZQV 1.5N/4 RD
Order No.	<a href="#">1985690000</a>
GTIN (EAN)	4050118370515
Qty.	60 pc(s).

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## Accessories

Type	ZQV 1.5N/6
Order No.	<a href="#">1985510000</a>
GTIN (EAN)	4050118370188
Qty.	20 pc(s).
Type	ZQV 1.5N/7 RD
Order No.	<a href="#">1985750000</a>
GTIN (EAN)	4050118370249
Qty.	20 pc(s).
Type	ZQV 1.5N/3
Order No.	<a href="#">1985480000</a>
GTIN (EAN)	4050118370096
Qty.	60 pc(s).
Type	ZQV 1.5N/50 RD
Order No.	<a href="#">1985820000</a>
GTIN (EAN)	4050118370270
Qty.	5 pc(s).
Type	ZQV 1.5N/6 RD
Order No.	<a href="#">1985730000</a>
GTIN (EAN)	4050118370454
Qty.	20 pc(s).
Type	ZQV 1.5N/50 BL
Order No.	<a href="#">1985720000</a>
GTIN (EAN)	4050118370546
Qty.	5 pc(s).
Type	ZQV 1.5N/5 RD
Order No.	<a href="#">1985710000</a>
GTIN (EAN)	4050118370256
Qty.	20 pc(s).
Type	ZQV 1.5N/5
Order No.	<a href="#">1985500000</a>
GTIN (EAN)	4050118369991
Qty.	20 pc(s).
Type	ZQV 1.5N/10
Order No.	<a href="#">1985580000</a>
GTIN (EAN)	4050118370416
Qty.	20 pc(s).
Type	ZQV 1.5N/8 BL
Order No.	<a href="#">1985640000</a>
GTIN (EAN)	4050118370461
Qty.	20 pc(s).
Type	ZQV 1.5N/2
Order No.	<a href="#">1985410000</a>
GTIN (EAN)	4050118369861
Qty.	60 pc(s).
Type	ZQV 1.5N/8 RD
Order No.	<a href="#">1985770000</a>
GTIN (EAN)	4050118370508
Qty.	20 pc(s).
Type	ZQV 1.5N/3 RD
Order No.	<a href="#">1985670000</a>
GTIN (EAN)	4050118370348
Qty.	60 pc(s).

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**Accessories**

Type ZQV 1.5N/20  
 Order No. [1985600000](#)  
 GTIN (EAN) 4050118370225  
 Qty. 20 pc(s).

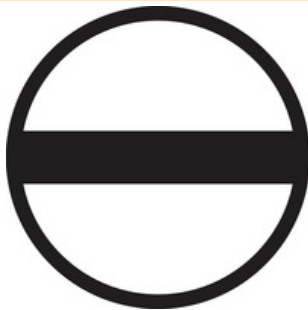
Type ZQV 1.5N/4  
 Order No. [1985490000](#)  
 GTIN (EAN) 4050118370201  
 Qty. 60 pc(s).

Type ZQV 1.5N/3 BL  
 Order No. [1985550000](#)  
 GTIN (EAN) 4050118370485  
 Qty. 60 pc(s).

Type ZQV 1.5N/20 BL  
 Order No. [1985700000](#)  
 GTIN (EAN) 4050118370331  
 Qty. 20 pc(s).

Type ZQV 1.5N/9  
 Order No. [1985560000](#)  
 GTIN (EAN) 4050118370409  
 Qty. 20 pc(s).

**Slotted screwdriver**



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

**General ordering data**

Type	SDS 0.4X2.0X60	Version	
Order No.	<a href="#">2749260000</a>	Screwdriver, Blade width (B): 2 mm, Blade length: 60 mm, Blade thickness (A): 0.4 mm	
GTIN (EAN)	4050118895537		
Qty.	1 pc(s).		

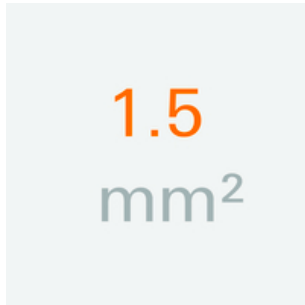
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## Accessories

### 1.5 mm<sup>2</sup>



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.	<a href="#">2816950000</a>	A-series, End plate
GTIN (EAN)	4064675315391	
Qty.	20 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.	<a href="#">1369480000</a>	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.	<a href="#">1755270000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248017348	Weidmueller, white
Qty.	500 pc(s).	
Type	DEK 5/3.5 PLUS MC NE WS	Version
Order No.	<a href="#">2003750000</a>	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118424430	Weidmueller, white
Qty.	1,600 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 MI-R  
 Order No. [1991880000](#)  
 GTIN (EAN) 4050118376715  
 Qty. 50 pc(s).

Type ATPG 1.5-10 L  
 Order No. [1991890000](#)  
 GTIN (EAN) 4050118376647  
 Qty. 50 pc(s).

**Digital multimeters**



Multimeters are capable of measuring a number of variables. Each instrument can measure voltage and resistance, as well as performing continuity and diode testing as standard. In addition, the individual multimeters also feature extra measuring options such as current, frequency, capacitance and temperature. Digital multimeters have the advantage of a clear display which can be read easily and directly. With these instruments, mistakes arising from faulty conversion of the measuring ranges or misreading the display are a thing of the past.

**General ordering data**

Type	ZUB MULTIMETER	Version
Order No.	<a href="#">9205270000</a>	Multimeter
GTIN (EAN)	4032248723522	
Qty.	1 pc(s).	

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**Accessories**

**A-Series**



Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

**General ordering data**

Type	AAM 1.5 YE FLASH	Version
Order No.	<a href="#">2635520000</a>	Terminal marker, 6.2 x 3.5 mm, Pitch in mm (P): 3.50 yellow
GTIN (EAN)	4050118674088	
Qty.	40 pc(s).	

**Custom printing**



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

**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	WS 10/3.5 PLUS MC SDR	Version
Order No.	<a href="#">2007760000</a>	WS, Terminal marker, 10 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118393262	Weidmueller, To customer specification
Qty.	192 pc(s).	

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## Accessories

## WS 8/3.5

**WS/ DEK**

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**Your benefits with MultiMark**

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

**General ordering data**

Type	WS 8/3.5 MM WS	Version
Order No.	<a href="#">2007140000</a>	WS, Terminal marker, 8 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118391893	
Qty.	1,000 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.	<a href="#">1991920000</a>	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	<a href="#">2661280000</a>	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	

## A3T 1.5

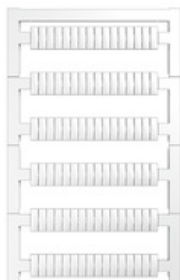
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## Accessories

Type	AEB 35 SCL/1 V0 GY	Version
Order No.	<a href="#">2661290000</a>	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	
Type	AEB 35 SC/1 BK	Version
Order No.	<a href="#">2475310000</a>	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	<a href="#">2661300000</a>	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	

## Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

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## General ordering data

Type	WS 10/3.5 PLUS MC NE WS	Version
Order No.	<a href="#">2003760000</a>	WS, Terminal marker, 10 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118424454	Weidmueller, white
Qty.	960 pc(s).	