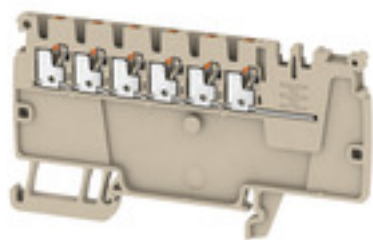


**A-series
AAP11 1.5 LI OR**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Control voltage distribution**

Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.

General ordering data

Type	AAP11 1.5 LI OR
Order No.	2503910000
Version	Modular distribution terminals, PUSH IN, 1.5 mm², 500 V, 17.5 A, dark beige
GTIN (EAN)	4050118517583
Qty.	50 pc(s).

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D-32758 Detmold

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Technical data
Dimensions and weights

Width	3.5 mm	Width (inches)	0.138 inch
Height	85.5 mm	Height (inches)	3.366 inch
Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	48 mm	Net weight	8.253 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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)	TUEV17ATEX8030U	Certificate No. (IECEX)	IECEXTUR17.0015U
Max. voltage (ATEX)	550 V	Current (ATEX)	13 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	13 A	Wire cross section max. (IECEX)	1.5 mm ²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	6
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Installation advice	Rail	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35	With snap-in pegs	No

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	13 A
Current size C (CSA)	13 A	Current size D (CSA)	5 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

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Technical data
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	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 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 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, 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

Rating data

Rated cross-section	1.5 mm ²	Rated voltage	500 V
Rated current	17.5 A	Current at maximum wires	17.5 A
Standards	IEC/EN 60947-7-1:2009	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Power loss in accordance with IEC 60947-7-x	0.56 W	Rated impulse withstand voltage	6 kV
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	14 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	14 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	13 A
Current size C (cURus)	13 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		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20		

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Technical data
Approvals

Approvals



ROHS

Conform

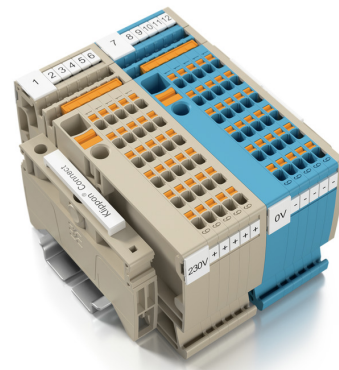
Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
	IECEX Certificate
	DE PT0205 2017 1010 045 ISSUE01.pdf
	ATEX Certificate
	CB Test Certificate
Engineering Data	EPLAN
	STEP
Tender specification	Klippon® Connect 2503910000 DE
	Klippon® Connect 2503910000 EN
User Documentation	NTI AAP11
	StorageConditionsTerminalBlocks
	Aderendhülsen für die Klippon® Connect A-Reihe
	PI Klippon AAP DE
	PI Klippon AAP EN

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Drawings



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 D-32758 Detmold
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Accessories

End brackets



Spring connection with PUSH IN Technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

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).	
Type	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 pc(s).	
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).	

End plates



Control voltage distribution

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General ordering data

Type	AEP AP11	Version
Order No.	1988320000	A-series, End plate
GTIN (EAN)	4050118372854	
Qty.	20 pc(s).	

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Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Accessories

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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo 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 NE WS	Version
Order No.	2003760000	WS, Terminal marker, 10 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118424454	Weidmueller, white
Qty.	960 pc(s).	

ZQV 1.5N



Spring connection with PUSH IN Technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	ZQV 1.5N/10 BL
Order No.	1985680000
GTIN (EAN)	4050118370539
Qty.	20 pc(s).
Type	ZQV 1.5N/20
Order No.	1985600000
GTIN (EAN)	4050118370225
Qty.	20 pc(s).
Type	ZQV 1.5N/9
Order No.	1985560000
GTIN (EAN)	4050118370409
Qty.	20 pc(s).
Type	ZQV 1.5N/20 RD
Order No.	1985810000
GTIN (EAN)	4050118370355
Qty.	20 pc(s).

A-series

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 D-32758 Detmold
 Germany
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Accessories

Type ZQV 1.5N/50 RD
 Order No. [1985820000](#)
 GTIN (EAN) 4050118370270
 Qty. 5 pc(s).

Type ZQV 1.5N/4 RD
 Order No. [1985690000](#)
 GTIN (EAN) 4050118370515
 Qty. 60 pc(s).

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

Type ZQV 1.5N/2 RD
 Order No. [1985650000](#)
 GTIN (EAN) 4050118370324
 Qty. 60 pc(s).

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

Type ZQV 1.5N/8 BL
 Order No. [1985640000](#)
 GTIN (EAN) 4050118370461
 Qty. 20 pc(s).

Type ZQV 1.5N/4 BL
 Order No. [1985570000](#)
 GTIN (EAN) 4050118370317
 Qty. 60 pc(s).

Type ZQV 1.5N/10
 Order No. [1985580000](#)
 GTIN (EAN) 4050118370416
 Qty. 20 pc(s).

Type ZQV 1.5N/10 RD
 Order No. [1985800000](#)
 GTIN (EAN) 4050118370393
 Qty. 20 pc(s).

Type ZQV 1.5N/50 BL
 Order No. [1985720000](#)
 GTIN (EAN) 4050118370546
 Qty. 5 pc(s).

Type ZQV 1.5N/7
 Order No. [1985520000](#)
 GTIN (EAN) 4050118370195
 Qty. 20 pc(s).

Type ZQV 1.5N/9 RD
 Order No. [1985790000](#)
 GTIN (EAN) 4050118370386
 Qty. 20 pc(s).

Type ZQV 1.5N/3
 Order No. [1985480000](#)
 GTIN (EAN) 4050118370096
 Qty. 60 pc(s).

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 www.weidmueller.com

Accessories

Type ZQV 1.5N/3 RD
 Order No. [1985670000](#)
 GTIN (EAN) 4050118370348
 Qty. 60 pc(s).

Type ZQV 1.5N/5
 Order No. [1985500000](#)
 GTIN (EAN) 4050118369991
 Qty. 20 pc(s).

Type ZQV 1.5N/6
 Order No. [1985510000](#)
 GTIN (EAN) 4050118370188
 Qty. 20 pc(s).

Type ZQV 1.5N/9 BL
 Order No. [1985660000](#)
 GTIN (EAN) 4050118370478
 Qty. 20 pc(s).

Type ZQV 1.5N/50
 Order No. [1985620000](#)
 GTIN (EAN) 4050118370300
 Qty. 5 pc(s).

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

Type ZQV 1.5N/5 BL
 Order No. [1985590000](#)
 GTIN (EAN) 4050118370430
 Qty. 20 pc(s).

Type ZQV 1.5N/2
 Order No. [1985410000](#)
 GTIN (EAN) 4050118369861
 Qty. 60 pc(s).

Type ZQV 1.5N/6 BL
 Order No. [1985610000](#)
 GTIN (EAN) 4050118370492
 Qty. 20 pc(s).

Type ZQV 1.5N/6 RD
 Order No. [1985730000](#)
 GTIN (EAN) 4050118370454
 Qty. 20 pc(s).

Type ZQV 1.5N/7 RD
 Order No. [1985750000](#)
 GTIN (EAN) 4050118370249
 Qty. 20 pc(s).

Type ZQV 1.5N/2 BL
 Order No. [1985530000](#)
 GTIN (EAN) 4050118370423
 Qty. 60 pc(s).

Type ZQV 1.5N/7 BL
 Order No. [1985630000](#)
 GTIN (EAN) 4050118370522
 Qty. 20 pc(s).

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 Germany
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 www.weidmueller.com

Accessories

Type	ZQV 1.5N/8
Order No.	1985540000
GTIN (EAN)	4050118370218
Qty.	20 pc(s).

Type	ZQV 1.5N/5 RD
Order No.	1985710000
GTIN (EAN)	4050118370256
Qty.	20 pc(s).

Type	ZQV 1.5N/8 RD
Order No.	1985770000
GTIN (EAN)	4050118370508
Qty.	20 pc(s).

Custom printing



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- 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.	2007760000	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

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.	9205270000	Multimeter
GTIN (EAN)	4032248723522	
Qty.	1 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).	

DEK 5/3.5



WS/ DEK

MultiMark DEK/WS connector 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.	2007100000	Dekafix, Terminal marker, 5 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118391992	
Qty.	1,000 pc(s).	

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Accessories

Custom printing



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- 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 PLUS MC SDR	Version
Order No.	2007790000	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).	
Type	DEK 5/3.5 MC SDR	Version
Order No.	1767730000	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).	

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Accessories

WS 8/3.5



WS/ DEK

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General ordering data

Type	WS 8/3.5 MM WS	Version
Order No.	2007140000	WS, Terminal marker, 8 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118391893	
Qty.	1,000 pc(s).	

Partition plates



Spring connection with PUSH IN Technology

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General ordering data

Type	APP 3	Version
Order No.	2489100000	A-series, Separation plate
GTIN (EAN)	4050118499315	
Qty.	50 pc(s).	