

A-series
SET AAP13 6/1.5/24C

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany
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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	SET AAP13 6/1.5/24C
Order No.	2506380000
Version	Modular distribution terminals, PUSH IN, 6 mm ² , 500 V, 41 A, dark beige
GTIN (EAN)	4050118520767
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	38.5 mm	Width (inches)	1.516 inch
Height	96 mm	Height (inches)	3.78 inch
Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	48 mm	Net weight	104.63 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	red, blue	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of potentials	2
Number of levels	1	Number of clamping points per level	50
Number of potentials per tier	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

Installation advice	Rail	Open sides	right
Type of fixing	Snap-on	Type of mounting	TS 35

Conductors for clamping (additional connection)

Blade size, additional connection	0.4 x 2.0 mm	Clamping range, further connection, max.	1.5 mm
Clamping range, further connection, min.	0.14 mm	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1 mm
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm	Conductor cross-section, flexible, further connection, min.	0.5 mm
Connection direction	top	Connection type, additional connection	PUSH IN
Cross-section for connected wire, AWG, additional connection, max.	AWG 14	Cross-section for connected wire, AWG, additional connection, min.	AWG 26
Cross-section for connected wire, flexible, further connection, max.	1.5 mm	Cross-section for connected wire, multi-core, further connection, max.	1.5 mm
Cross-section for connected wire, multi-core, further connection, min.	0.5 mm	Cross-section for connected wire, solid-core, further connection, max.	1.5 mm
Cross-section for connected wire, solid-core, further connection, min.	0.5 mm	Rated cross-section, further connection	1.5 mm
Stripping length, additional connection	8 mm		

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Technical data**Conductors for clamping (rated connection)**

Blade size	1.0 x 5.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	1
Stripping length	12 mm	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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.	6 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.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Rating data

Rated cross-section	6 mm ²	Rated voltage	500 V
Rated current	41 A	Current at maximum wires	41 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Power loss in accordance with IEC 60947-7-x	1.31 W	Rated impulse withstand voltage	6 kV
Pollution severity	3	Surge voltage category	III

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		

Approvals

Approvals

**Downloads**

Approval/Certificate/Document of Conformity	DE PT0205 20180316 017 ISSUE01.pdf
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks Aderendhülsen für die Klippon® Connect A-Reihe

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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 5/8 PLUS MC SDR	Version
Order No.	1046370000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782079	Weidmueller, To customer specification
Qty.	160 pc(s).	
Type	DEK 5/8 MC SDR	Version
Order No.	1856750000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmueller, To customer specification
Qty.	160 pc(s).	

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).	

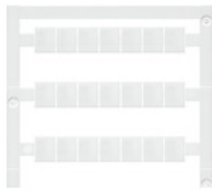
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Accessories

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).	

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 laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

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

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General ordering data

Type	WS 10/8 PLUS MC SDR	Version
Order No.	1906030000	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528196	To customer specification
Qty.	84 pc(s).	

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Accessories

ZQV 1.5N



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General ordering data

Type	ZQV 1.5N/7 RD
Order No.	1985750000
GTIN (EAN)	4050118370249
Qty.	20 pc(s).
Type	ZQV 1.5N/10 RD
Order No.	1985800000
GTIN (EAN)	4050118370393
Qty.	20 pc(s).
Type	ZQV 1.5N/20 RD
Order No.	1985810000
GTIN (EAN)	4050118370355
Qty.	20 pc(s).
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/2 RD
Order No.	1985650000
GTIN (EAN)	4050118370324
Qty.	60 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).
Type	ZQV 1.5N/6 RD
Order No.	1985730000
GTIN (EAN)	4050118370454
Qty.	20 pc(s).
Type	ZQV 1.5N/9 RD
Order No.	1985790000
GTIN (EAN)	4050118370386
Qty.	20 pc(s).

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Accessories

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

Blank



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

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- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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General ordering data

Type	DEK 5/8 MC NE WS	Version	
Order No.	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00	
GTIN (EAN)	4032248400850	Weidmueller, white	
Qty.	800 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.	9205270000	Multimeter	
GTIN (EAN)	4032248723522		
Qty.	1 pc(s).		

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Accessories

Covers



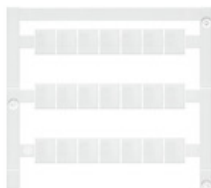
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General ordering data

Type	AAM 6 YE FLASH	Version
Order No.	2635570000	Terminal marker, 13 x 8.1 mm, yellow
GTIN (EAN)	4050118674514	
Qty.	40 pc(s).	

Blank



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- Markers in proven MultiCard format

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General ordering data

Type	WS 10/8 PLUS MC NE WS	Version
Order No.	1905950000	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528103	white
Qty.	420 pc(s).	