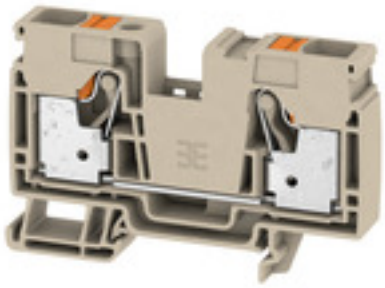
A-series
A2C 16

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



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	A2C 16
Order No.	2494000000
Version	Feed-through terminal, PUSH IN, 16 mm², 1000 V, 76 A, dark beige
GTIN (EAN)	4050118504019
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Width	12 mm	Width (inches)	0.472 inch
Height	80.5 mm	Height (inches)	3.169 inch
Depth	51.5 mm	Depth (inches)	2.028 inch
Depth including DIN rail	52.5 mm	Net weight	35.955 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)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	64 A
Wire cross section max. (ATEX)	16 mm²	Max. voltage (IECEX)	550 V
Current (IECEX)	64 A	Wire cross section max. (IECEX)	16 mm²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	Rail	TS 35

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)	62 A
Current size C (CSA)	62 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	18 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	16 mm²
Clamping range, min.	0.5 mm²	Connection cross-section, stranded, max.	16 mm²
Connection cross-section, stranded, min.	0.5 mm²	Connection direction	top
Gauge to IEC 60947-1	A6	Number of connections	2
Stripping length	18 mm	Twin wire-end ferrules, max.	6 mm²
Twin wire-end ferrules, min.	0.75 mm²	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Wire connection cross section, finely stranded, max.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	16 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Rating data

Rated cross-section	16 mm²	Rated voltage	1,000 V
Rated current	76 A	Current at maximum wires	76 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Power loss in accordance with IEC 60947-7-x	2.43 W	Rated impulse withstand voltage	8 kV
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	18 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	18 AWG	Current size B (cURus)	62 A
Current size C (cURus)	62 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 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	DE PT0101 20180316 001 ISSUE01.pdf ATEX Certificate Attestation of Conformity IECEx Certificate
Engineering Data	EPLAN
Engineering Data	STEP
Tender specification	Klippon® Connect 2494000000 DE Klippon® Connect 2494000000 EN
User Documentation	StorageConditionsTerminalBlocks Aderendhülsen für die Klippon® Connect A-Reihe NTI A2C 16

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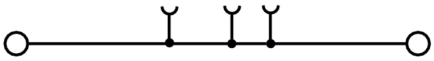
Drawings



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Accessories

Test adapter

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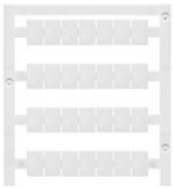
General ordering data

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

Blank



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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 12/8 PLUS MC NE WS	Version
Order No.	1906000000	WS, Terminal marker, 12 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528158	white
Qty.	420 pc(s).	

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Accessories

WS 12/8

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.
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- Firm hold and durable printing
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- 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-A 12/8 MM WS	Version
Order No.	2448920000	WS, Terminal marker, 12 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462975	
Qty.	500 pc(s).	

Type	WS 12/8 MM WS	Version
Order No.	2007210000	WS, Terminal marker, 12 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392050	
Qty.	500 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

Plus

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

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General ordering data

Type	DEK 5/8 PLUS MC NE WS	Version
Order No.	1046350000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782055	Weidmueller, white
Qty.	800 pc(s).	

Covers

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General ordering data

Type	AAM 16 YE FLASH	Version
Order No.	2635590000	Terminal marker, 14 x 12 mm, yellow
GTIN (EAN)	4050118674538	
Qty.	40 pc(s).	

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Accessories

Blank

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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).	

End plates

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General ordering data

Type	AEP 2C 10/16 BL	Version
Order No.	2490390000	A-series, End plate
GTIN (EAN)	4050118500837	
Qty.	20 pc(s).	

Type	AEP 2C 10/16	Version
Order No.	2490380000	A-series, End plate
GTIN (EAN)	4050118500820	
Qty.	20 pc(s).	

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Accessories

ZQV 16N

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General ordering data

Type	ZQV 16N/2
Order No.	2497290000
GTIN (EAN)	4050118561906
Qty.	25 pc(s).

Slotted screwdriver

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SL 1.0X5.5X125	Version
Order No.	1274680000	Mounting tool, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade
GTIN (EAN)	4050118073263	thickness (A): 1 mm
Qty.	1 pc(s).	

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Accessories

Custom printing

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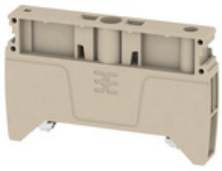
General ordering data

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



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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).	

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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

Blank

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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).	

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General ordering data

Type	WS 12/8 PLUS MC SDR	Version
Order No.	1906010000	WS, Terminal marker, 12 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528165	To customer specification
Qty.	84 pc(s).	

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Accessories

WS 8/8

WS/ DEK

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General ordering data

Type	WS-A 8/8 MM WS	Version
Order No.	2448930000	WS, Terminal marker, 8 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462982	
Qty.	500 pc(s).	

Type	WS 8/8 MM WS	Version
Order No.	2007170000	WS, Terminal marker, 8 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392043	
Qty.	500 pc(s).	

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Accessories

DEK 5/8

WS/ DEK
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General ordering data

Type	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 pc(s).	
Type	DEK-A 5/8 MM WS	Version
Order No.	2448860000	Dekafix, Terminal marker, 5 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462968	
Qty.	500 pc(s).	