

**A-series
A3C 4**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
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www.weidmueller.com

**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	A3C 4
Order No.	2051240000
Version	Feed-through terminal, PUSH IN, 4 mm ² , 800 V, 32 A, Dark Beige
GTIN (EAN)	4050118411546
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	74 mm	Height (inches)	2.913 inch
Depth	39.5 mm	Depth (inches)	1.555 inch
Depth including DIN rail	40.5 mm	Net weight	12.204 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	Dark Beige
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	1	No. of clamping points per level	3
Number of potentials per tier	1	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Installation advice	Mounting 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)	30 A
Current size C (CSA)	30 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)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	4 mm ²
Clamping range, rated connection, min.	0.5 mm ²	Connection direction	top
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Gauge to IEC 60947-1	A4
Number of connections	3	Stripping length	12 mm
Twin wire-end ferrules, max.	1 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, solid core max. rated connection	4 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, stranded, rated connection, max.	4 mm ²	Wire connection cross section, stranded, rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	32 A	Current at maximum wires	32 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
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)	10 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Current size B (cURus)	30 A
Current size C (cURus)	30 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 5.0	EC000897	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Descriptive text technical data	Approval in progress
Descriptive text accessories	All MultiMark variants (MM) = strip markers

Datenblatt**A-series
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Approvals

**Downloads**

Engineering Data

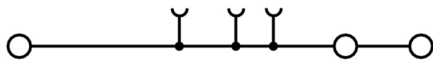
[EPLAN, WSCAD, Zuken E3.S](#)

Datenblatt

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Zeichnungen



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Accessories

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/6 M PLUS MC SDR	2007780000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, To customer specification	4050118393187	120 pc(s).
WS 10/6 MC M SDR	1818410000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, To customer specification	4032248310883	120 pc(s).
WS 10/6 MC SDR	1828460000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, To customer specification	4032248367399	120 pc(s).
WS 10/6 PLUS MC SDR	1046330000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, To customer specification	4032248782031	120 pc(s).

End plates



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
AEP 3C 4 OR	2051890000	A-series, End plate	4050118411799	20 pc(s).
AEP 3C 4 BK	2486640000	A-series, End plate	4050118497458	20 pc(s).
AEP 3C 4	2051720000	A-series, End plate	4050118411829	20 pc(s).
AEP 3C 4 BL	2051880000	A-series, End plate	4050118411836	20 pc(s).

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Accessories

DEK 5/6



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

- Compatible with W, Z, P and SAK series terminal blocks
- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Space for multi-line printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MM	2007120000	Dekafix, Terminal marker,	4050118392104600	pc(s).
WS		5 x 6 mm, Weidmueller, White		

Blank



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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 10/6 MC	1828450000	WS, Terminal marker, 10 x	4032248350513600	pc(s).
NE WS		6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, White		
WS 10/6	1046390000	WS, Terminal marker, 10 x	4032248782109600	pc(s).
PLUS MC NE		6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, White		
WS				
WS 10/6 MC	1069080000	WS, Terminal marker, 10 x	4032248824618600	pc(s).
M NE BL		6 mm, Pitch in mm (P): 6.00		

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Accessories

	Weidmueller, Allen-Bradley, Blue
WS 10/6 MC 1069090000 M NE VI	WS, Terminal marker, 10 x 403224882457 1 600 pc(s). 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, Violet
WS 10/6 MC 1917430000 M NE GE	WS, Terminal marker, 10 x 4032248551637 600 pc(s). 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, Yellow
WS 10/6 MC 1917420000 M NE GN	WS, Terminal marker, 10 x 4032248551620 600 pc(s). 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, Green
WS 10/6 M 2003780000 PLUS MC NE WS	WS, Terminal marker, 10 x 405011842446 1 600 pc(s). 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, White
WS 10/6 MC 1917440000 M NE RT	WS, Terminal marker, 10 x 4032248551644 600 pc(s). 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, Red
WS 10/6 M 1818400000 MC NE WS	WS, Terminal marker, 10 x 4032248310876 600 pc(s). 6 mm, Pitch in mm (P): 6.00 Weidmueller, Allen-Bradley, White

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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 PLUS MC NE WS	1011320000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4032248717644	1,000 pc(s).

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Accessories**ZQV 4N****Spring connection with PUSH IN Technology**

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZQV 4N/2	1527930000	Z-series, Cross-connector, No. of poles: 2	4050118332766	60 pc(s).
ZQV 4N/8 BL	1528190000	Z-series, Cross-connector, No. of poles: 8	4050118332858	20 pc(s).
ZQV 4N/5 BL	1528140000	Z-series, Cross-connector, No. of poles: 5	4050118333015	60 pc(s).
ZQV 4N/3	1527940000	Z-series, Cross-connector, No. of poles: 3	4050118332865	60 pc(s).
ZQV 4N/50	1528130000	Z-series, Cross-connector, No. of poles: 50	4050118332902	5 pc(s).
ZQV 4N/50 BL	1528240000	Z-series, Cross-connector, No. of poles: 50	4050118333121	5 pc(s).
ZQV 4N/7 BL	1528180000	Z-series, Cross-connector, No. of poles: 7	4050118333114	20 pc(s).
ZQV 4N/10 BL	1528230000	Z-series, Cross-connector, No. of poles: 10	4050118333138	20 pc(s).
ZQV 4N/2 BL	1528040000	Z-series, Cross-connector, No. of poles: 2	4050118332773	60 pc(s).
ZQV 4N/6	1527990000	Z-series, Cross-connector, No. of poles: 6	4050118332919	20 pc(s).
ZQV 4N/10	1528090000	Z-series, Cross-connector, No. of poles: 10	4050118332896	20 pc(s).
ZQV 4N/9	1528070000	Z-series, Cross-connector, No. of poles: 9	4050118332797	20 pc(s).
ZQV 4N/6 BL	1528170000	Z-series, Cross-connector, No. of poles: 6	4050118332926	20 pc(s).
ZQV 4N/8	1528030000	Z-series, Cross-connector, No. of poles: 8	4050118332841	20 pc(s).
ZQV 4N/5	1527980000	Z-series, Cross-connector, No. of poles: 5	4050118332759	60 pc(s).
ZQV 4N/7	1528020000	Z-series, Cross-connector, No. of poles: 7	4050118332780	20 pc(s).
ZQV 4N/9 BL	1528220000	Z-series, Cross-connector, No. of poles: 9	4050118333107	20 pc(s).
ZQV 4N/3 BL	1528080000	Z-series, Cross-connector, No. of poles: 3	4050118333008	60 pc(s).
ZQV 4N/4	1527970000	Z-series, Cross-connector, No. of poles: 4	4050118332889	60 pc(s).

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Accessories

ZQV 4N/4 BL [1528120000](#)

Z-series, Cross-connector, 4050118332872 60 pc(s).
 No. of poles: 4

WS 8/6



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

- Compatible with W, Z, P and SAK series terminal blocks
- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Space for multi-line printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 8/6 MM	2007160000	WS, Terminal marker, 8 x 6	4050118391879 600	pc(s).
WS		mm, Weidmueller, White		

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	Order No.	Version	GTIN (EAN)	Qty.
ZUB	9205270000	Multimeter	4032248723522 1	pc(s).
MULTIMETER				

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Accessories

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.

- 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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC NE BR	1454900000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Brown	4050118323313	1,000 pc(s).
DEK 5/6 MC NE WS	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4008190203436	1,000 pc(s).
DEK 5/6 MC NE BL	1238290000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Blue	4050118267327	1,000 pc(s).
DEK 5/6 MC NE OR	1912090000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Orange	4032248540525	1,000 pc(s).
DEK 5/6 MC NE GE	1238280000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Yellow	4050118038750	1,000 pc(s).
DEK 5/6 MC NE GR	1238330000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Grey	4050118323306	1,000 pc(s).
DEK 5/6 MC NE GN	1238310000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Green	4050118271812	1,000 pc(s).

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Accessories

Custom printing



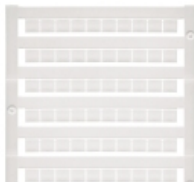
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 8/6 PLUS MC SDR	1038820000	WS, Terminal marker, 8 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, To customer specification	4032248768073	120 pc(s).

Custom printing



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General ordering data

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DEK 5/6 MC SDR	1609830000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, To customer specification	4008190456603	200 pc(s).
DEK 5/6 PLUS MC SDR	1038850000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, To customer specification	4032248767908	200 pc(s).

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Accessories

End brackets



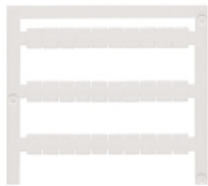
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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
AEB 35 SC/1	1991920000	A-series, End bracket	4050118376722	50 pc(s).

Blank



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WS 8/6 PLUS MC NE WS	1951880000	WS, Terminal marker, 8 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4032248632114	600 pc(s).

Test adapter



Spring connection with PUSH IN Technology

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General ordering data

Type	Order No.	GTIN (EAN)	Qty.
ATPG 4 MI-R	1991860000	4050118376661	50 pc(s).

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ATPG 1.5-10 L [1991890000](#) 4050118376647 50 pc(s).

End brackets



Spring connection with tension clamp Technology
 Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
ZEW 35	9540000000	Z-series, End bracket	4008190956264	20 pc(s).
ZEW 35 GR	1238040000	Z-series, End bracket	4050118024401	20 pc(s).
ZEW 35 VO	1264170000	Z-series, End bracket	4050118137170	20 pc(s).