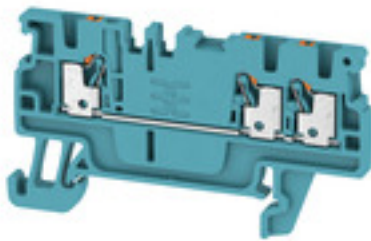


**A-series
A3C 1.5 BL**

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	A3C 1.5 BL
Order No.	1552770000
Version	Feed-through terminal, PUSH IN, 1.5 mm ² , 500 V, 17.5 A, blue
GTIN (EAN)	4050118359640
Qty.	50 pc(s).

A-series
A3C 1.5 BL
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data
Dimensions and weights

Width	3.5 mm	Width (inches)	0.138 inch
Height	61.5 mm	Height (inches)	2.421 inch
Depth	33.5 mm	Depth (inches)	1.319 inch
Depth including DIN rail	34 mm	Net weight	4.791 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	blue
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)	15 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	440 V
Current (IECEX)	15 A	Wire cross section max. (IECEX)	1.5 mm ²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	3
Number of potentials per tier	1	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		

A-series
A3C 1.5 BL

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

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	3
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 60947-7-1	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		

Product information

Product information For the wire end ferrules H1/10 and H1.5/10 a stripping length of 10 mm is to apply.

A-series A3C 1.5 BL

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

Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate IECEX Certificate Declaration of Conformity
Engineering Data	EPLAN, WSCAD, Zuken E3,S
Engineering Data	STEP
Tender specification	Klippon® Connect 1552770000 DE Klippon® Connect 1552770000 EN
User Documentation	NTI_A3C 1.5.pdf NTI_ALO 6 StorageConditionsTerminalBlocks Aderendhülsen für die Klippon® Connect A-Reihe Wire end ferrules for Klippon® Connect A-series

A-series A3C 1.5 BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

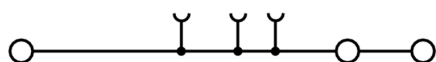
Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Drawings

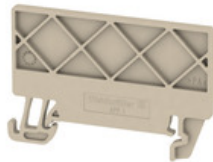


A-series A3C 1.5 BL

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

Partition plates



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	APP 2	Version
Order No.	2489090000	A-series, Separation plate
GTIN (EAN)	4050118499308	
Qty.	50 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).	
Type	AEB 35 SC/1	Version
Order No.	1991920000	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 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 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	

A-series A3C 1.5 BL

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

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

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).	

Covers



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	AAM 1.5 YE FLASH	Version
Order No.	2635520000	Terminal marker, 6.2 x 3.5 mm, yellow
GTIN (EAN)	4050118674088	
Qty.	40 pc(s).	

**A-series
A3C 1.5 BL**

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


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 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).	
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).	
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).	

**A-series
A3C 1.5 BL**

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
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 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).	

A-series A3C 1.5 BL

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).	

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).	

**A-series
A3C 1.5 BL**

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
WS 8/3.5

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	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).	

End plates

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	AEP 3C 1.5 BL	Version
Order No.	1552630000	A-series, End plate
GTIN (EAN)	4050118359800	
Qty.	50 pc(s).	
Type	AEP 3C 1.5 OR	Version
Order No.	2052390000	A-series, End plate
GTIN (EAN)	4050118411874	
Qty.	50 pc(s).	

A-series A3C 1.5 BL

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

Type	AEP 3C 1.5	Version
Order No.	1552620000	A-series, End plate
GTIN (EAN)	4050118359824	
Qty.	50 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/7 RD
Order No.	1985750000
GTIN (EAN)	4050118370249
Qty.	20 pc(s).

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

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

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

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

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

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

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

A-series A3C 1.5 BL

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

Type	ZQV 1.5N/3
Order No.	1985480000
GTIN (EAN)	4050118370096
Qty.	60 pc(s).
Type	ZQV 1.5N/9
Order No.	1985560000
GTIN (EAN)	4050118370409
Qty.	20 pc(s).
Type	ZQV 1.5N/50
Order No.	1985620000
GTIN (EAN)	4050118370300
Qty.	5 pc(s).
Type	ZQV 1.5N/5 RD
Order No.	1985710000
GTIN (EAN)	4050118370256
Qty.	20 pc(s).
Type	ZQV 1.5N/10 BL
Order No.	1985680000
GTIN (EAN)	4050118370539
Qty.	20 pc(s).
Type	ZQV 1.5N/20 BL
Order No.	1985700000
GTIN (EAN)	4050118370331
Qty.	20 pc(s).
Type	ZQV 1.5N/9 RD
Order No.	1985790000
GTIN (EAN)	4050118370386
Qty.	20 pc(s).
Type	ZQV 1.5N/8 BL
Order No.	1985640000
GTIN (EAN)	4050118370461
Qty.	20 pc(s).
Type	ZQV 1.5N/7
Order No.	1985520000
GTIN (EAN)	4050118370195
Qty.	20 pc(s).
Type	ZQV 1.5N/7 BL
Order No.	1985630000
GTIN (EAN)	4050118370522
Qty.	20 pc(s).
Type	ZQV 1.5N/2 BL
Order No.	1985530000
GTIN (EAN)	4050118370423
Qty.	60 pc(s).
Type	ZQV 1.5N/3 RD
Order No.	1985670000
GTIN (EAN)	4050118370348
Qty.	60 pc(s).
Type	ZQV 1.5N/2 RD
Order No.	1985650000
GTIN (EAN)	4050118370324
Qty.	60 pc(s).

A-series A3C 1.5 BL

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

Type	ZQV 1.5N/50 BL
Order No.	1985720000
GTIN (EAN)	4050118370546
Qty.	5 pc(s).
Type	ZQV 1.5N/8
Order No.	1985540000
GTIN (EAN)	4050118370218
Qty.	20 pc(s).
Type	ZQV 1.5N/6
Order No.	1985510000
GTIN (EAN)	4050118370188
Qty.	20 pc(s).
Type	ZQV 1.5N/20
Order No.	1985600000
GTIN (EAN)	4050118370225
Qty.	20 pc(s).
Type	ZQV 1.5N/5 BL
Order No.	1985590000
GTIN (EAN)	4050118370430
Qty.	20 pc(s).
Type	ZQV 1.5N/20 RD
Order No.	1985810000
GTIN (EAN)	4050118370355
Qty.	20 pc(s).
Type	ZQV 1.5N/9 BL
Order No.	1985660000
GTIN (EAN)	4050118370478
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/4
Order No.	1985490000
GTIN (EAN)	4050118370201
Qty.	60 pc(s).
Type	ZQV 1.5N/4 BL
Order No.	1985570000
GTIN (EAN)	4050118370317
Qty.	60 pc(s).
Type	ZQV 1.5N/10 RD
Order No.	1985800000
GTIN (EAN)	4050118370393
Qty.	20 pc(s).

A-series A3C 1.5 BL

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

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).	

Test adapter



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	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).