

A3C 16 DL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Feed-through terminal, PUSH IN, 16 mm ² , 1000 V, dark beige
Order No.	2675030000
Type	A3C 16 DL
GTIN (EAN)	4050118817485
Qty.	20 pc(s).

A3C 16 DL

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Technical data

Dimensions and weights

Depth	51.5 mm	Depth (inches)	2.028 inch
Depth including DIN rail	52.5 mm	Height	51.5 mm
Height (inches)	2.028 inch	Width	12 mm
Width (inches)	0.472 inch	Net weight	51.1 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Colour	dark beige	UL 94 flammability rating	V-0
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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 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	64 A	Wire cross section max. (IECEX)	16 mm ²

System specifications

Number of potentials	1	Number of levels	1
Number of potentials per tier	1	Rail	TS 35

Additional technical data

Explosion-tested version	Yes	Open sides	right
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Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	25 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	25 mm ²
Connection cross-section, stranded, min.	10 mm ²	Gauge to IEC 60947-1	A6
Stripping length	18 mm	Twin wire-end ferrules, max.	6 mm ²
Twin wire-end ferrules, min.	0.75 mm ²	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.	25 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 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.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Creation date May 1, 2024 2:59:31 PM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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Technical data

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18

Rating data

Rated cross-section	16 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Current at maximum wires	76 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	2.43 W

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Conformity	Attestation of CO conformity UKCA Ex Attestation of Conformity UKCA Ex Certificate CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

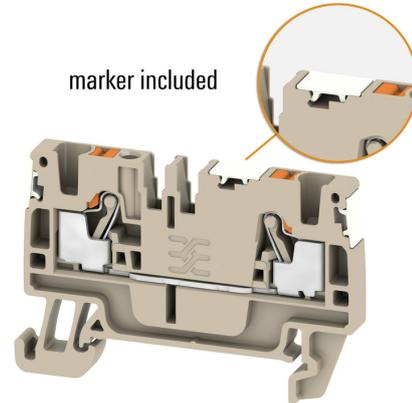
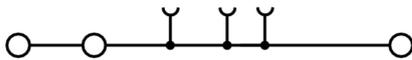
Data sheet

A3C 16 DL

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Drawings



A3C 16 DL

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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 5/8 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 current clamp devices



Digital current clamp devices and attachments and adapters are used for measuring AC and DC currents. The significant advantage of these devices is that you can make a measurement without breaking the flow of current.

General ordering data

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

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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 PrintJet CONNECT oder/or Plotter is possible.

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

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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).	

WS 12/8



WS/ DEK

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

Data sheet

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Accessories

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).		

A-Series

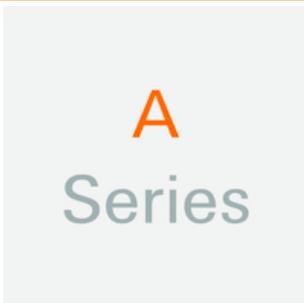


Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	ATPG 1.5-10 L	Version	
Order No.	1991890000	Test adapter (terminal), 1.5 mm², 250 V, 0.2 A	
GTIN (EAN)	4050118376647		
Qty.	50 pc(s).		

A-Series



Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

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

10/16 mm²

10/16
mm²

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	AEP 3C 10/16	Version
Order No.	2490530000	A-series, End plate
GTIN (EAN)	4050118500912	
Qty.	20 pc(s).	
Type	AEP 3C 10/16 BL	Version
Order No.	2490540000	A-series, End plate
GTIN (EAN)	4050118501001	
Qty.	20 pc(s).	

A-Series

A
Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
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 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).	

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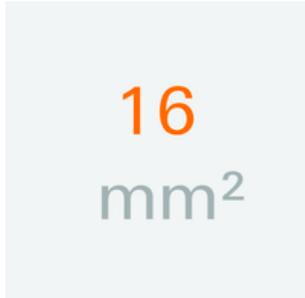
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www.weidmueller.com**Accessories**

Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	

16 mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 16N/2	Version
Order No.	2497290000	Cross-connector (terminal), Plugged, Number of poles: 2, Pitch in mm
GTIN (EAN)	4050118561906	(P): 12.00, 76 A, orange
Qty.	25 pc(s).	

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

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 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).	

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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).	

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Accessories

Custom printing



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General ordering data

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).	
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).	

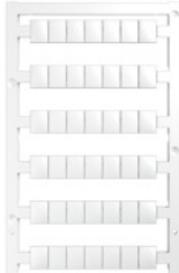
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Accessories

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).	

Custom printing



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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

WS 8/8



WS/ DEK

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General ordering data

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).	
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).	

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

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Accessories

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

Custom printing



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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).	

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 1.0X5.5X150	Version
Order No.	2749380000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade thickness (A): 1 mm
GTIN (EAN)	4050118895605	
Qty.	1 pc(s).	