

A3C 1.5 BL

Weidmüller Interface GmbH & Co. KG

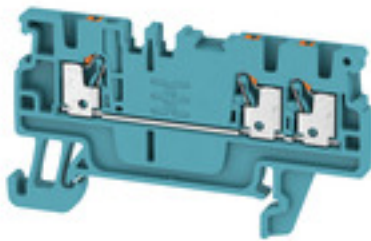
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

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

A3C 1.5 BL

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Technische Daten

Dimensions and weights

Depth	33,5 mm	Depth (inches)	1,319 inch
Depth including DIN rail	34 mm	Height	61,5 mm
Height (inches)	2,421 inch	Width	3,5 mm
Width (inches)	0,138 inch	Net weight	4,791 g

Temperatures

Storage temperature	-25 °C...55 °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		

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

Erstellungs-Datum 04:43:18 CEST Ngày 19 tháng 6 năm 2023

Katalogstand 09.06.2023 / Technische Änderungen vorbehalten

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Technische Daten

Number of connections	3		
Stripping length	8 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	max.	8 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0,14 mm ²
max.		0,75 mm ²	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0,25 mm ²
	Tube length	min.	5 mm
	Cross-section for conductor connection	min.	0,5 mm ²
		max.	1 mm ²
	Tube length	nominal	6 mm
	Cross-section for conductor connection	nominal	1,5 mm ²
nominal		10 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, min.	0,5 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, solid core, max.	1,5 mm ²		
Wire connection cross-section, solid core, min.	0,5 mm ²		

General

Installation advice	Rail	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26		

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	Surge voltage category	III
Pollution severity	3		

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Technische Daten

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
ETIM 8.0	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

Important note

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

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Technische Daten

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate EAC certificate DNVGL certificate MARITREG certificate CCC Ex Certificate CB Testreport CB Certificate UKCA Ex Certificate CE Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S, EPLAN
Tender specification	Klippon® Connect 1552770000 DE Klippon® Connect 1552770000 EN
User Documentation	NTI_A3C 1.5.pdf NTI_ALO 6 StorageConditionsTerminalBlocks NTI_ALO16 BPZL AXC 1.5-16
Catalogues	Catalogues in PDF-format

Datenblatt

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Zeichnungen



A3C 1.5 BL

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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 5/3.5 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 Stück	
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 Stück	

A-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

Type	APP 2	Version
Order No.	2489090000	A-series, Partition plate
GTIN (EAN)	4050118499308	
Qty.	50 Stück	

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Accessories

WS 8/3.5



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 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 Stück	

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 1.5 YE FLASH	Version
Order No.	2635520000	Terminal marker, 6.2 x 3.5 mm, Pitch in mm (P): 3.50 yellow
GTIN (EAN)	4050118674088	
Qty.	40 Stück	

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Accessories

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
Order No.	1991890000
GTIN (EAN)	4050118376647
Qty.	50 Stück

Type	ATPG 1.5 MI-R
Order No.	1991880000
GTIN (EAN)	4050118376715
Qty.	50 Stück

DEK 5/3.5



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	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 Stück		

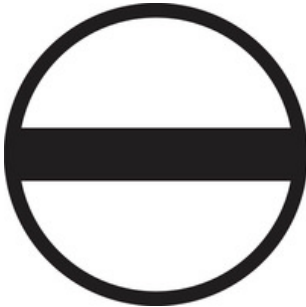
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Accessories

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 0.4X2.0X60	Version
Order No.	2749260000	Screwdriver, Blade width (B): 2 mm, Blade length: 60 mm, Blade thickness (A): 0.4 mm
GTIN (EAN)	4050118895537	
Qty.	1 Stück	

1.5 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 1.5N/2 BL
Order No.	1985530000
GTIN (EAN)	4050118370423
Qty.	60 Stück
Type	ZQV 1.5N/2
Order No.	1985410000
GTIN (EAN)	4050118369861
Qty.	60 Stück
Type	ZQV 1.5N/50
Order No.	1985620000
GTIN (EAN)	4050118370300
Qty.	5 Stück
Type	ZQV 1.5N/6 RD
Order No.	1985730000
GTIN (EAN)	4050118370454
Qty.	20 Stück
Type	ZQV 1.5N/8 BL
Order No.	1985640000
GTIN (EAN)	4050118370461
Qty.	20 Stück

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Accessories

Type	ZQV 1.5N/5 RD
Order No.	1985710000
GTIN (EAN)	4050118370256
Qty.	20 Stück
Type	ZQV 1.5N/10 BL
Order No.	1985680000
GTIN (EAN)	4050118370539
Qty.	20 Stück
Type	ZQV 1.5N/6 BL
Order No.	1985610000
GTIN (EAN)	4050118370492
Qty.	20 Stück
Type	ZQV 1.5N/4
Order No.	1985490000
GTIN (EAN)	4050118370201
Qty.	60 Stück
Type	ZQV 1.5N/7 BL
Order No.	1985630000
GTIN (EAN)	4050118370522
Qty.	20 Stück
Type	ZQV 1.5N/3 BL
Order No.	1985550000
GTIN (EAN)	4050118370485
Qty.	60 Stück
Type	ZQV 1.5N/7 RD
Order No.	1985750000
GTIN (EAN)	4050118370249
Qty.	20 Stück
Type	ZQV 1.5N/6
Order No.	1985510000
GTIN (EAN)	4050118370188
Qty.	20 Stück
Type	ZQV 1.5N/9
Order No.	1985560000
GTIN (EAN)	4050118370409
Qty.	20 Stück
Type	ZQV 1.5N/7
Order No.	1985520000
GTIN (EAN)	4050118370195
Qty.	20 Stück
Type	ZQV 1.5N/4 BL
Order No.	1985570000
GTIN (EAN)	4050118370317
Qty.	60 Stück
Type	ZQV 1.5N/3
Order No.	1985480000
GTIN (EAN)	4050118370096
Qty.	60 Stück
Type	ZQV 1.5N/3 RD
Order No.	1985670000
GTIN (EAN)	4050118370348
Qty.	60 Stück

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Accessories

Type	ZQV 1.5N/4 RD
Order No.	1985690000
GTIN (EAN)	4050118370515
Qty.	60 Stück
Type	ZQV 1.5N/8 RD
Order No.	1985770000
GTIN (EAN)	4050118370508
Qty.	20 Stück
Type	ZQV 1.5N/50 RD
Order No.	1985820000
GTIN (EAN)	4050118370270
Qty.	5 Stück
Type	ZQV 1.5N/10
Order No.	1985580000
GTIN (EAN)	4050118370416
Qty.	20 Stück
Type	ZQV 1.5N/20 RD
Order No.	1985810000
GTIN (EAN)	4050118370355
Qty.	20 Stück
Type	ZQV 1.5N/50 BL
Order No.	1985720000
GTIN (EAN)	4050118370546
Qty.	5 Stück
Type	ZQV 1.5N/20 BL
Order No.	1985700000
GTIN (EAN)	4050118370331
Qty.	20 Stück
Type	ZQV 1.5N/8
Order No.	1985540000
GTIN (EAN)	4050118370218
Qty.	20 Stück
Type	ZQV 1.5N/10 RD
Order No.	1985800000
GTIN (EAN)	4050118370393
Qty.	20 Stück
Type	ZQV 1.5N/2 RD
Order No.	1985650000
GTIN (EAN)	4050118370324
Qty.	60 Stück
Type	ZQV 1.5N/5 BL
Order No.	1985590000
GTIN (EAN)	4050118370430
Qty.	20 Stück
Type	ZQV 1.5N/9 RD
Order No.	1985790000
GTIN (EAN)	4050118370386
Qty.	20 Stück
Type	ZQV 1.5N/20
Order No.	1985600000
GTIN (EAN)	4050118370225
Qty.	20 Stück

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Accessories

Type ZQV 1.5N/5
 Order No. [1985500000](#)
 GTIN (EAN) 4050118369991
 Qty. 20 Stück

Type ZQV 1.5N/9 BL
 Order No. [1985660000](#)
 GTIN (EAN) 4050118370478
 Qty. 20 Stück

1.5 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 1.5	Version
Order No.	1552620000	A-series, End plate
GTIN (EAN)	4050118359824	
Qty.	50 Stück	

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

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

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 SC/1	Version
Order No.	1991920000	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 Stück	

A3C 1.5 BL

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Accessories

Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 Stück	
Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 Stück	
Type	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 Stück	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 Stück	

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 PrintJet CONNECT oder/or Plotter 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 Stück	

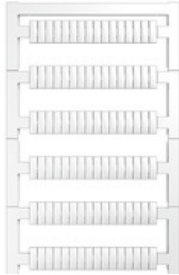
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Accessories

Blank



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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 Stück	

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

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General ordering data

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 Stück	
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 Stück	

A3C 1.5 BL

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Accessories

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 Stück	

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 Stück	