

**A-series
A2C 1.5 PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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	A2C 1.5 PE
Order No.	1552680000
Version	PE terminal, PUSH IN, 1.5 mm ² , green / yellow
GTIN (EAN)	4050118359862
Qty.	50 pc(s).

**A-series
A2C 1.5 PE**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 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	55 mm	Height (inches)	2.165 inch
Depth	33.5 mm	Depth (inches)	1.319 inch
Depth including DIN rail	34.5 mm	Net weight	6 g

Temperatures

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

Material data

Material	Wemid	Colour	green / yellow
Colour of operational elements	Orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	1.5 mm ²	Wire cross section max. (IECEX)	1.5 mm ²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	PE connection	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	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

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	2
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

Data sheet

A-series A2C 1.5 PE

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

PE rating data

Rated short-time current	180 A (1.5 mm ²)	PEN function	No
--------------------------	------------------------------	--------------	----

Rating data

Rated cross-section	1.5 mm ²	Rated voltage to adjoining terminal	500 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Rated impulse withstand voltage to adjacent terminal	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	Voltage size B (cURus)	300 V
Voltage size C (cURus)	300 V	Voltage size D (cURus)	600 V

Classifications

ETIM 6.0	EC000901	eClass 6.2	27-14-11-41
eClass 9.1	27-14-11-41		

Product information

Product information	For the wire end ferrules H1/10 and H1.5/10 a stripping length of 10 mm is to apply.
Descriptive text technical data	Approval in progress
Descriptive text accessories	All MultiMark variants (MM) = strip markers

Approvals

Approvals	
-----------	--

ROHS	Conform
------	---------

Downloads

Approval/Certificate/Document of Conformity	IECEX_TUR_16.0036U_2.pdf TÜV 16 ATEX 7909 U.pdf DE_PT0102_20160614_004_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI_A2C 1.5.pdf

Safety note

Safety notice	Safety Information
---------------	------------------------------------

Data sheet

A-series
A2C 1.5 PE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

