

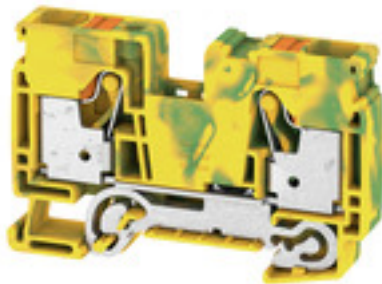
**A2C 16 PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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**

Version	PE terminal, PUSH IN, 16 mm <sup>2</sup> , 1000 V, white
Order No.	<a href="#">2494010000</a>
Type	A2C 16 PE
GTIN (EAN)	4050118503876
Qty.	20 pc(s).

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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	80.5 mm
Height (inches)	3.169 inch	Net weight	47.857 g
Width	12 mm	Width (inches)	0.472 inch

**Temperatures**

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

**Material data**

Material	Wemid	Colour	white
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)	16 mm <sup>2</sup>	Wire cross section max. (IECEX)	16 mm <sup>2</sup>

**System specifications**

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	PE connection	Yes
Rail	TS 35	PE function	Yes
PEN function	Yes		

**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	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Wire cross section max. (CSA)	6 AWG	Wire cross section min. (CSA)	18 AWG

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**Technical data****Conductors for clamping (rated connection)**

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

**General**

Installation advice	Rail	Rail	TS 35
Standards	IEC 60947-7-2	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 18		

**PE rating data**

Rated short-time current	1920 A (16 mm <sup>2</sup> )	PEN function	Yes
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**Rating data**

Rated cross-section	16 mm <sup>2</sup>	Rated voltage	1,000 V
Rated voltage to adjoining terminal	1,000 V	Standards	IEC 60947-7-2
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	Pollution severity	3
Surge voltage category	III		

**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	18 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	18 AWG	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 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	ECLASS 11.0	27-14-11-20

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Catalogue status 09.04.2021 / We reserve the right to make technical changes.

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E60693

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE PT0102 20180316 003 ISSUE01.pdf</a> <a href="#">Attestation of Conformity</a> <a href="#">IECEx Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">MARITREG certificate</a> <a href="#">CCC Ex Certificate</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN</a>
Tender specification	<a href="#">Klippon® Connect 2494010000 DE</a> <a href="#">Klippon® Connect 2494010000 EN</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI A2C 16</a>
Brochure/Catalogue	<a href="#">Catalogues in PDF-format</a>