

**A2C 1.5 PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

**General ordering data**

Version	PE terminal, PUSH IN, 1.5 mm <sup>2</sup> , white
Order No.	<a href="#">1552680000</a>
Type	A2C 1.5 PE
GTIN (EAN)	4050118359862
Qty.	50 pièce(s)

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**Caractéristiques techniques****Dimensions and weights**

Depth	33,5 mm	Depth (inches)	1,319 inch
Depth including DIN rail	34,5 mm	Height	55 mm
Height (inches)	2,165 inch	Width	3,5 mm
Width (inches)	0,138 inch	Net weight	6,77 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	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)	1.5 mm <sup>2</sup>	Wire cross section max. (IECEX)	1.5 mm <sup>2</sup>
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	2
Number of potentials per tier	1	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	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	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 (additional connection)**

Connection type, additional connection PUSH IN

**Conductors for clamping (rated connection)**

Blade size	0.4 x 2.0 mm
Clamping range, max.	1,5 mm <sup>2</sup>
Clamping range, min.	0,14 mm <sup>2</sup>
Connection cross-section, stranded, max.	1,5 mm <sup>2</sup>
Connection cross-section, stranded, min.	0,5 mm <sup>2</sup>
Connection direction	top
Gauge to IEC 60947-1	A1

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## Caractéristiques techniques

Number of connections	2		
Stripping length	8 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0,14 mm <sup>2</sup>
		max.	0,75 mm <sup>2</sup>
	Tube length	min.	6 mm
		max.	8 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0,25 mm <sup>2</sup>
	Tube length	min.	5 mm
	Cross-section for conductor connection	min.	0,5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	nominal	6 mm
	Cross-section for conductor connection	nominal	1,5 mm <sup>2</sup>
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 <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0,5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1,5 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.	1 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.	1,5 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 14
Wire connection cross section AWG, min.	AWG 26		

### PE rating data

Rated short-time current	180 A (1.5 mm <sup>2</sup> )	PEN function	No
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### Rating data

Rated cross-section	1,5 mm <sup>2</sup>	Rated voltage to adjoining terminal	500 V
Rated DC voltage	500 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1,83 mΩ	Rated impulse withstand voltage	6 kV
Rated impulse withstand voltage to adjacent terminal	6 kV	Power loss in accordance with IEC 60947-7-x	0,56 W
Pollution severity	3	Surge voltage category	III

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**Caractéristiques techniques**

**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	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41
ECLASS 12.0	27-14-11-41	ECLASS 13.0	27-25-01-03
ECLASS 14.0	27-25-01-03		

**Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

**Important note**

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

Approvals



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

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## Caractéristiques techniques

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">UKCA Ex Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">DNVGL certificate</a> <a href="#">BV certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">UKCA Ex Certificate</a> <a href="#">20-AV4BO-0269U</a> <a href="#">DNV Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Tender specification	<a href="#">Klippon® Connect 1552680000 DE</a> <a href="#">Klippon® Connect 1552680000 EN</a>
User Documentation	<a href="#">NTI_A2C_1.5.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI ALO 16</a> <a href="#">User Manual AXC PE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Dessins**

