

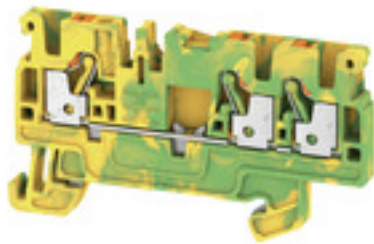
**A3C 2.5 PE****Weidmüller Interface GmbH & Co. KG**

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, 2.5 mm <sup>2</sup> , Green/yellow
Order No.	<a href="#">1521670000</a>
Type	A3C 2.5 PE
GTIN (EAN)	4050118328196
Qty.	50 pc(s).

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**Technical data****Dimensions and weights**

Depth	36.5 mm	Depth (inches)	1.437 °C
Depth including DIN rail	37 mm	Height	66.5 mm
Height (inches)	2.618 °C	Width	5.1 mm
Width (inches)	0.201 °C	Net weight	10.85 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	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)	2.5 mm <sup>2</sup>	Wire cross section max. (IECEX)	2.5 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	3
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)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Wire cross section max. (CSA)	12 AWG	Wire cross section min. (CSA)	28 AWG

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm
Clamping range, max.	2.5 Nm
Clamping range, min.	0.14 Nm
Connection cross-section, stranded, max.	2.5 Nm
Connection cross-section, stranded, min.	0.5 Nm
Connection direction	top
Gauge to IEC 60947-1	A3
Number of connections	3
Stripping length	10 mm

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## Technical data

Tube length for AEH with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.34 Nm
		max.	0.14 Nm
	Tube length	max.	6 mm
		min.	8 mm
	Cross-section for conductor connection	min.	1 Nm
		max.	0.5 Nm
Tube length	max.	6 mm	
	min.	12 mm	
Cross-section for conductor connection	min.	2.5 Nm	
	max.	1.5 Nm	
Tube length	max.	8 mm	
	min.	12 mm	
Tube length for AEH without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.25 Nm
	Tube length	nominal	5 mm
	Cross-section for conductor connection	min.	0.5 Nm
		max.	1 Nm
	Tube length	max.	10 mm
		min.	6 mm
Cross-section for conductor connection	min.	1.5 Nm	
	max.	2.5 Nm	
Tube length	max.	12 mm	
	min.	7 mm	
Tube length for twin wire-end ferrule	Tube length	max.	12 mm
		min.	8 mm
Cross-section for conductor connection	min.	0.5 Nm	
	max.	0.75 Nm	
Twin wire-end ferrules, max.	0.75 Nm		
Twin wire-end ferrules, min.	0.5 Nm		
Type of connection	PUSH IN		
Wire connection cross section AWG, max.	AWG 12		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross section, finely stranded, max.	2.5 Nm		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 Nm		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 Nm		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 Nm		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 Nm		
Wire connection cross-section, solid core, max.	2.5 Nm		
Wire connection cross-section, solid core, min.	0.5 Nm		

### General

Installation advice	Rail	Rail	TS 35
Standards	IEC 60947-7-2	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

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## Technical data

### PE rating data

Rated short-time current	300 A (2.5 mm <sup>2</sup> )	PEN function	No
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### Rating data

Rated cross-section	2.5 Nm	Rated voltage to adjoining terminal	800 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1.33 °C
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3	Surge voltage category	III

### UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V	Voltage size D (cURus)	600 V

### Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	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		

### Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">CB Test Certificate</a> <a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">BV certificate</a> <a href="#">MARITREG certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity all terminals</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Tender specification	<a href="#">Klippon® Connect 1521670000 DE</a> <a href="#">Klippon® Connect 1521670000 EN</a>
User Documentation	<a href="#">NTI_A3C 2.5.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI ALO16</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

