

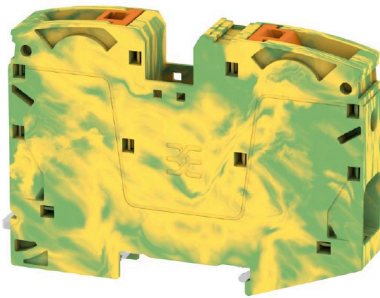
**A2C 35 PE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

More and more components need to be housed within a confined space, in switchgear and panels. As part of the power feed-in, connecting conductors is becoming increasingly challenging, especially for large cross-sections. Our comprehensive range of connection solutions also enables convenient wiring in challenging space conditions. The compact design and the combination of many practical handling benefits make the supply of power to switchgear and panels simple, efficient, and space-saving.

**General ordering data**

Version	PE terminal, PUSH IN, 35 mm <sup>2</sup> , 1000 V, Green/yellow
Order No.	<a href="#">2551520000</a>
Type	A2C 35 PE
GTIN (EAN)	4050118680201
Qty.	10 items

## A2C 35 PE

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693

### Dimensions and weights

Depth	71.5 mm	Depth (inches)	2.815 inch
Height	101 mm	Height (inches)	3.9764 inch
Width	16 mm	Width (inches)	0.6299 inch
Net weight	109.91 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

### Environmental Product Compliance

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

### Material data

Basic 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)	35 mm <sup>2</sup>	Wire cross section max. (IECEX)	35 mm <sup>2</sup>

### System specifications

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

### Additional technical data

Snap-on	Yes	Type of fixing	Snap-on
Explosion-tested version	Yes	Type of mounting	TS 35, Snap-on

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### CSA rating data

Wire cross section max. (CSA)	2 AWG	Certificate No. (CSA)	200039-70089609
Wire cross section min. (CSA)	12 AWG		

### Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 2	Connection direction	on side
Stripping length	25 mm	Type of connection	PUSH IN
Number of connections	2	Clamping range, max.	35 mm <sup>2</sup>
Clamping range, min.	2.5 mm <sup>2</sup>	Blade size	1.0 x 5.5 mm
Wire connection cross section AWG, min.	AWG 12	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	35 mm <sup>2</sup>
Connection cross-section, stranded, min.	2.5 mm <sup>2</sup>	Twin wire-end ferrules, max.	10 mm <sup>2</sup>
Twin wire-end ferrules, min.	2.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	2.5 mm <sup>2</sup>

### General

Wire connection cross section AWG, max.	AWG 2	Operating temperature range, max.	130 °C
Operating temperature range, min.	-50 °C	Wire connection cross section AWG, min.	AWG 12
Standards	IEC 60947-7-2	Mounting rail	TS 35

### Rating data

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	1000 V
Rated voltage to adjoining terminal	1000 V	Rated DC voltage	1500 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage to adjacent terminal	8 kV	Power loss in accordance with IEC 60947-7-x	0.00 W
Surge voltage category	III	Pollution severity	3

### UL rating data

Conductor size Factory wiring max. (cURus)	2 AWG	Voltage size B (cURus)	1000 V
Voltage size D (cURus)	600 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	12 AWG	Conductor size Factory wiring min. (cURus)	12 AWG
Voltage size C (cURus)	1000 V	Conductor size Field wiring max. (cURus)	2 AWG

## Technical data

### Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	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
ECLASS 15.0	27-25-01-03		

Drawings

Electric symbol

