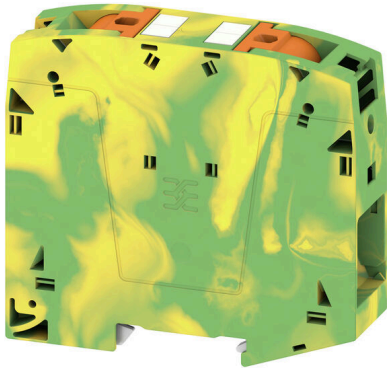


**A2C 95/120 PE DL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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, 95 mm <sup>2</sup> , 1000 V, Green/yellow
Order No.	<a href="#">2742140000</a>
Type	A2C 95/120 PE DL
GTIN (EAN)	4064675003601
Qty.	5 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	90 mm	Depth (inches)	3.5433 inch
Height	101.5 mm	Height (inches)	3.9961 inch
Width	25 mm	Width (inches)	0.9842 inch
Net weight	181.1 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °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%		
Product Carbon Footprint	Cradle to gate	1.712 kg CO2 eq.	

## 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)	120 mm <sup>2</sup>	Wire cross section max. (IECEX)	120 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
Number of potentials per tier	1	PE connection	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	Yes

## Additional technical data

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

## CSA rating data

Wire cross section max. (CSA)	000 AWG	Certificate No. (CSA)	200039-80115835
Wire cross section min. (CSA)	4 AWG		

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## Technical data

### Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 3/0	Connection direction	on side
Stripping length	40 mm	Type of connection	PUSH IN
Number of connections	2	Clamping range, max.	120 mm <sup>2</sup>
Clamping range, min.	25 mm <sup>2</sup>	Blade size	1.0 x 5.5 mm
Wire connection cross section AWG, min.	AWG 4	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	95 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	25 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	25 mm <sup>2</sup>	Wire connection cross-section, finely stranded, max.	120 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	25 mm <sup>2</sup>	Connection cross-section, stranded, max.	120 mm <sup>2</sup>
Connection cross-section, stranded, min. 25 mm <sup>2</sup>		Wire connection cross-section, solid core, max.	120 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	25 mm <sup>2</sup>	Connection cross-section, finely stranded (rated connection), min.	25 mm <sup>2</sup>

### General

Wire connection cross section AWG, max.	AWG 3/0	Wire connection cross section AWG, min.	AWG 4
Standards	IEC 60947-7-2	Mounting rail	TS 35

### PE rating data

Rated short-time current	14400 A (120 mm <sup>2</sup> )	PEN function	Yes
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### Rating data

Rated cross-section	95 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	Power loss in accordance with IEC 60947-7-x	7.42 W
Surge voltage category	III	Pollution severity	3

### Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

**Drawings**

