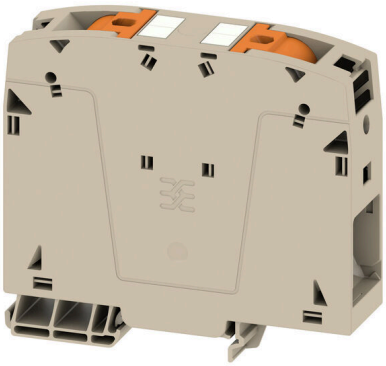
Data sheet

A2C 95/120 DL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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	Feed-through terminal, PUSH IN, 95 mm², 1000 V, 232 A, dark beige
Order No.	2742120000
Type	A2C 95/120 DL
GTIN (EAN)	4064675002789
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	170 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temperature, min.	-60 °C	Continuous operating temperature, 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	2.693 kg CO2 eq.

Material data

Basic material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	1100 V	Current (ATEX)	211 A
Wire cross section max. (ATEX)	120 mm²	Max. voltage (IECEX)	1100 V
Current (IECEX)	211 A	Wire cross section max. (IECEX)	120 mm²

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	Levels cross-connected internally	No
Mounting rail	TS 35	PEN function	No

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	250 kcmil	Voltage size C (CSA)	600 V
Current size C (CSA)	255 A	Certificate No. (CSA)	200039-801185
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	Conductor cross-section (rated connection), max.	120 mm²
Conductor cross-section (rated connection), min.	25 mm²	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 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	25 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	25 mm²	Wire connection cross-section, finely stranded, max.	120 mm²
Wire connection cross section, finely stranded, min.	25 mm²	Connection cross-section, stranded, max.	120 mm²
Connection cross-section, stranded, min.	25 mm²	Wire connection cross-section, solid core, max.	120 mm²
Wire connection cross-section, solid core, min.	25 mm²		

General

Wire connection cross section AWG, max.	AWG 3/0	Wire connection cross section AWG, min.	AWG 4
Standards	IEC 60947-7-1	Mounting rail	TS 35

PE rating data

Rated short-time current	14400 A (120 mm²)	PEN function	No

Rating data

Rated cross-section	95 mm²	Rated voltage	1000 V
Rated DC voltage	1500 V	Nominal current	232 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	8 kV	Power loss (IEC 60947-7-x)	7.42 W
Surge voltage category	III	Pollution severity	3

Important note

Product information	The max. connectable wire reduces by one wire size if a cross connector is used that has to be mounted in the wire entry.

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

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Drawings

