

A2C 95/120 3FT-N-FE-DM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	Feed-through terminal, PUSH IN, 95 mm ² , 1000 V, 232 A, dark beige, blue, black, yellow
Order No.	2694180000
Type	A2C 95/120 3FT-N-FE-DM
GTIN (EAN)	4064675007098
Qty.	1 pc(s).

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Catalogue status 05.11.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	90 mm	Depth (inches)	3.543 inch
Height	133.5 mm	Height (inches)	5.256 inch
Width	125 mm	Width (inches)	4.921 inch
Net weight	870 g		

Temperatures

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

Material data

Material	None, Wemid	Colour	dark beige, blue, black, yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of levels	1
Number of potentials per tier	5	Rail	TS 35, Mounting plate
PEN function	No		

Additional technical data

Open sides	closed	Type of fixing	TS 35
Type of mounting	Snap-on		

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	120 mm ²
Clamping range, min.	25 mm ²	Connection cross-section, stranded, max.	120 mm ²
Connection cross-section, stranded, min.	25 mm ²	Connection direction	None, on side
Stripping length	40 mm	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 3/0	Wire connection cross section AWG, min.	AWG 4
Wire connection cross section, finely stranded, max.	120 mm ²	Wire connection cross section, finely stranded, min.	25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	95 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	95 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	25 mm ²
Wire connection cross-section, solid core, max.	120 mm ²	Wire connection cross-section, solid core, min.	25 mm ²

General

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

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Technical data**Rating data**

Rated cross-section	95 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,500 V DC	Rated current	232 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.14 mΩ	Power loss in accordance with IEC 60947-7-x	7.42 W
Pollution severity	3	Surge voltage category	None, III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	250 kcmil
Conductor size Factory wiring min. (cURus)	4 AWG	Conductor size Field wiring max. (cURus)	250 kcmil
Conductor size Field wiring min. (cURus)	4 AWG	Current size B (cURus)	255 A
Current size C (cURus)	255 A	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

Approvals

Approvals



UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate CE Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet BPZL A2C 50-185
Catalogues	Catalogues in PDF-format