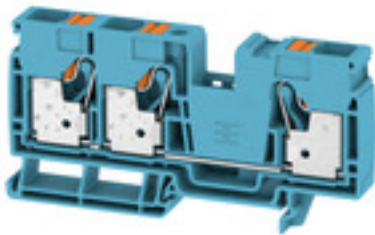


**A3C 16 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

Version	Feed-through terminal, PUSH IN, 16 mm <sup>2</sup> , 1000 V, 76 A, blue
Order No.	<a href="#">2494080000</a>
Type	A3C 16 BL
GTIN (EAN)	4050118503784
Qty.	20 pc(s).

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

Depth	51.5 mm	Depth (inches)	2.028 inch
Depth including DIN rail	52.5 mm	Height	102 mm
Height (inches)	4.016 inch	Width	12 mm
Width (inches)	0.472 inch	Net weight	48.346 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	blue
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)	550 V	Current (ATEX)	64 A
Wire cross section max. (ATEX)	16 mm <sup>2</sup>	Max. voltage (IECEX)	550 V
Current (IECEX)	64 A	Wire cross section max. (IECEX)	16 mm <sup>2</sup>

**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	Levels cross-connected internally	No
Rail	TS 35		

**Additional technical data**

Explosion-tested version	Yes	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	Current size B (CSA)	62 A
Current size C (CSA)	62 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	18 AWG		

**Conductors for clamping (additional connection)**

Connection type, additional connection PUSH IN

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**Technical data****Conductors for clamping (rated connection)**

Blade size	1.0 x 5.5 mm	Clamping range, max.	25 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	25 mm <sup>2</sup>
Connection cross-section, stranded, min.	10 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A6	Number of connections	3
Stripping length	18 mm	Twin wire-end ferrules, max.	6 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.75 mm <sup>2</sup>	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Wire connection cross section, finely stranded, max.	25 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**General**

Installation advice	Rail	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 4
Wire connection cross section AWG, min.	AWG 18		

**Rating data**

Rated cross-section	16 mm <sup>2</sup>	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Rated current	76 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	Pollution severity	3
Surge voltage category	III		

**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	6 AWG
Conductor size Factory wiring min. (cURus)	18 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	18 AWG	Current size B (cURus)	62 A
Current size C (cURus)	62 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

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**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE PT0101 20180316 005 ISSUE01.pdf</a> <a href="#">Attestation of CONformity</a> <a href="#">UKCA Ex Attestation of Conformity</a> <a href="#">IECEx Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">DNVGL certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">UKCA Ex Certificate</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Tender specification	<a href="#">Klippon® Connect 2494080000 EN</a> <a href="#">Klippon® Connect 2494080000 DE</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI A3C 16</a> <a href="#">User Manual AXC 1.5-16</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings

