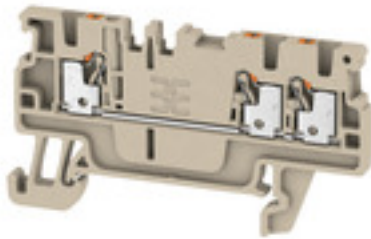


**A-series
A3C 1.5**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	A3C 1.5
Order No.	1552740000
Version	Feed-through terminal, PUSH IN, 1.5 mm ² , 500 V, 17.5 A, dark beige
GTIN (EAN)	4050118359626
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	3.5 mm	Width (inches)	0.138 inch
Height	61.5 mm	Height (inches)	2.421 inch
Depth	33.5 mm	Depth (inches)	1.319 inch
Depth including DIN rail	34 mm	Net weight	4.791 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour code	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)	440 V	Current (ATEX)	15 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	440 V
Current (IECEX)	15 A	Wire cross section max. (IECEX)	1.5 mm ²
Marking EN 60079-7	Ex eb II C Gb		

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	3
Number of potentials per tier	1	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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)	13 A
Current size C (CSA)	13 A	Current size D (CSA)	5 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

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

Blade size	0.4 x 2.0 mm	Clamping range, max.	1.5 mm ²
Clamping range, min.	0.14 mm ²	Connection cross-section, stranded, max.	1.5 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A1	Number of connections	3
Stripping length	8 mm	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	1.5 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Rating data

Rated cross-section	1.5 mm ²	Rated voltage	500 V
Rated current	17.5 A	Current at maximum wires	17.5 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.83 mΩ
Power loss in accordance with IEC 60947-7-x	0.56 W	Rated impulse withstand voltage	6 kV
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	14 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	14 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	13 A
Current size C (cURus)	13 A	Current size D (cURus)	5 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 5.0	EC000897	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Product information For the wire end ferrules H1/10 and H1.5/10 a stripping length of 10 mm is to apply.

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_A3C_1.5.pdf IECEX_TUR_16.0036U_2.pdf TÜV_16 ATEX 7909 U.pdf Declaration of Conformity
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
Tender specification	Klippon® Connect 1552740000 DE Klippon® Connect 1552740000 EN
User Documentation	NTI_A3C 1.5.pdf NTI_ALO 6.pdf

Data sheet

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Drawings

