

## A4C 1.5

**Weidmüller Interface GmbH & Co. KG**

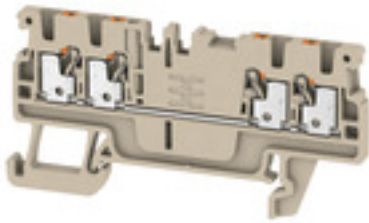
Klingenbergstraße 26

D-32758 Detmold

Germany

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, 1.5 mm <sup>2</sup> , 500 V, 17.5 A, dark beige
Order No.	<a href="#">1552690000</a>
Type	A4C 1.5
GTIN (EAN)	4050118359831
Qty.	100 Stück

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## Technische Daten

### Dimensions and weights

Depth	33,5 mm	Depth (inches)	1,319 inch
Depth including DIN rail	34 mm	Height	67,5 mm
Height (inches)	2,657 inch	Width	3,5 mm
Width (inches)	0,138 inch	Net weight	5,57 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	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 <sup>2</sup>	Max. voltage (IECEX)	440 V
Current (IECEX)	15 A	Wire cross section max. (IECEX)	1.5 mm <sup>2</sup>
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

### System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	4
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		

### Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm
Clamping range, max.	1,5 mm <sup>2</sup>
Clamping range, min.	0,14 mm <sup>2</sup>
Connection cross-section, stranded, max.	1,5 mm <sup>2</sup>
Connection cross-section, stranded, min.	0,5 mm <sup>2</sup>
Connection direction	top
Gauge to IEC 60947-1	A1

Erstellungs-Datum 04:14:30 CEST Ngày 30 tháng 6 năm 2023

Katalogstand 24.06.2023 / Technische Änderungen vorbehalten

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Number of connections	4		
Stripping length	8 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0,14 mm <sup>2</sup>
		max.	0,75 mm <sup>2</sup>
	Tube length	min.	6 mm
		max.	8 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	5 mm
	Cross-section for conductor connection	nominal	0,25 mm <sup>2</sup>
	Tube length	nominal	6 mm
	Cross-section for conductor connection	min.	0,5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	1,5 mm <sup>2</sup>	
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 <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.	1,5 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.	1 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.	1,5 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 14
Wire connection cross section AWG, min.	AWG 26		

### Rating data

Rated cross-section	1,5 mm <sup>2</sup>	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	Surge voltage category	III
Pollution severity	3		

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### 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 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	ECLASS 12.0	27-14-11-20

### Important note

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

### Approvals

Approvals



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

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## Technische Daten

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">BV certificate</a> <a href="#">MARITREG certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">UKCA Ex Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S, EPLAN</a>
Tender specification	<a href="#">Klippon® Connect 1552690000 EN</a> <a href="#">Klippon® Connect 1552690000 DE</a>
User Documentation	<a href="#">NTI_A4C 1.5.pdf</a> <a href="#">NTI_ALO 6</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI_ALO16</a> <a href="#">BPZL AXC 1.5-16</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Datenblatt**

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**Zeichnungen**

