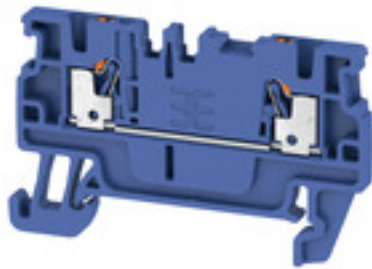


A2C 1.5 DBL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Feed-through terminal, PUSH IN, 1.5 mm ² , 500 V, 17.5 A, Dark Blue
Order No.	2508180000
Type	A2C 1.5 DBL
GTIN (EAN)	4050118525656
Qty.	100 pc(s).

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Technical data**Dimensions and weights**

Depth	33.5 mm	Depth (inches)	1.319 inch
Depth including DIN rail	34 mm	Height	55 mm
Height (inches)	2.165 inch	Net weight	4.04 g
Width	3.5 mm	Width (inches)	0.138 inch

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 Blue
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)	15 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	15 A	Wire cross section max. (IECEX)	1.5 mm ²
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
Rail	TS 35		

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 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	2
Stripping length	8 mm

Creation date March 29, 2021 6:21:37 PM CEST

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Technical data

Tube length for AEH with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	8 mm
	Cross-section for conductor connection	min.	0.14 mm ²
		max.	0.75 mm ²
Tube length for AEH without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.25 mm ²
	Tube length	min.	5 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	nominal	6 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
	Tube length	nominal	10 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, solid core, max.	1.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

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

Power loss in accordance with IEC 60947-7-x	0.56 W	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	Rated impulse withstand voltage	6 kV
Pollution severity	3	Surge voltage category	III

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Technical data

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
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	Attestation of Conformity DE PT0101 20171010 008 ISSUE01.pdf IECEX Certificate ATEX Certificate DNVGL certificate MARITREG certificate CCC Ex Certificate
Engineering Data	STEP
Engineering Data	EPLAN
Tender specification	Klippon® Connect 2508180000 DE Klippon® Connect 2508180000 EN
User Documentation	NTI_A2C 1.5.pdf NTI_ALO 6 StorageConditionsTerminalBlocks NTI_ALO 16