A-series
A3C 1.5 WT

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
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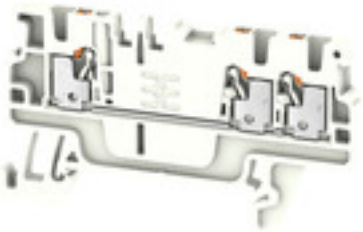
Product image



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 WT
Order No.	2534510000
Version	Feed-through terminal, PUSH IN, 1.5 mm², 500 V, 17.5 A, white
GTIN (EAN)	4050118546224
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

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	Wemid	Colour	white
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 mm²	Max. voltage (IECEX)	440 V
Current (IECEX)	15 A	Wire cross section max. (IECEX)	1.5 mm²
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		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm	Clamping range, max.	1.5 mm²
Clamping range, min.	0.14 mm²	Connection cross-section, stranded, max.	1.5 mm²
Connection cross-section, stranded, min.	0.5 mm²	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 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	1.5 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Rating data

Rated cross-section	1.5 mm²	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		

Approvals

Approvals

IEC EX ATEX

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity ATEX Certificate DE PT0101 20171010 017 ISSUE01.pdf IECEx Certificate
Engineering Data	EPLAN
Engineering Data	STEP
Tender specification	Klippon® Connect 2534510000 DE Klippon® Connect 2534510000 EN
User Documentation	NTI_A3C 1.5.pdf NTI_ALO 6