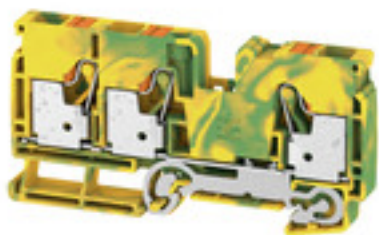


**A-series
A3C 10 PE**

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 10 PE
Order No.	2490590000
Version	PE terminal, PUSH IN, 10 mm ² , 1000 V, Green/yellow
GTIN (EAN)	4050118500929
Qty.	25 pc(s).

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Technical data
Dimensions and weights

Width	10 mm	Width (inches)	0.394 inch
Height	102 mm	Height (inches)	4.016 inch
Depth	51.5 mm	Depth (inches)	2.028 inch
Depth including DIN rail	52.5 mm	Net weight	49.944 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	Green/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	10 mm ²	Wire cross section max. (IECEX)	10 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
Number of levels	1	No. of clamping points per level	3
Number of potentials per tier	1	PE connection	Yes
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	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)	20 AWG

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Technical data
Conductors for clamping (rated connection)

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

Rating data

Rated cross-section	10 mm ²	Rated voltage	1,000 V
Rated voltage to adjoining terminal	1,000 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	8 kV
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)	20 AWG	Conductor size Field wiring max. (cURus)	6 AWG
Conductor size Field wiring min. (cURus)	20 AWG	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V	Voltage size D (cURus)	600 V

Classifications

ETIM 6.0	EC000901	eClass 6.2	27-14-11-51
eClass 9.0	27-14-11-41	eClass 9.1	27-14-11-41

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DE_PT0132_20171107_006_ISSUE01
Engineering Data	EPLAN
Engineering Data	STEP
Tender specification	Klippon® Connect 2490590000 DE Klippon® Connect 2490590000 EN