A-series
A2C 35

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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	A2C 35
Order No.	2551510000
Version	Feed-through terminal, PUSH IN, 35 mm², 1000 V, 125 A, dark beige
GTIN (EAN)	4050118628012
Qty.	10 pc(s).

Weidmüller

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Technical data

Dimensions and weights

Width	16 mm	Width (inches)	0.63 inch
Height	101.5 mm	Height (inches)	3.996 inch
Depth	71.5 mm	Depth (inches)	2.815 inch
Net weight	79.726 g		

Temperatures

Operating temperature range, max.	130 °C	Operating temperature range, min.	-50 °C
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	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

Rail	TS 35

Additional technical data

Snap-on	Yes	Type of fixing	TS 35
Type of mounting	TS 35		

Conductors for clamping (rated connection)

Clamping range, max.	35 mm²	Clamping range, min.	2.5 mm²
Number of connections	2	Stripping length	18 mm
Twin wire-end ferrules, max.	10 mm²	Twin wire-end ferrules, min.	2.5 mm²
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 12	Wire connection cross section, finely stranded, max.	35 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm²
Wire connection cross-section, finely stranded, min.	10 mm²	Wire connection cross-section, solid core, max.	35 mm²
Wire connection cross-section, solid core, min.	2.5 mm²		

Rating data

Rated cross-section	35 mm²	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V
Rated current	125 A	Current at maximum wires	125 A
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Power loss in accordance with IEC 60947-7-x	4 W
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

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UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	2 AWG
Conductor size Factory wiring min. (cURus)	12 AWG	Conductor size Field wiring max. (cURus)	2 AWG
Conductor size Field wiring min. (cURus)	12 AWG	Current size B (cURus)	113 A
Current size C (cURus)	113 A	Current size D (cURus)	5 A
Voltage size B (cURus)	1000 V	Voltage size C (cURus)	1000 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		

Approvals

Approvals

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

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Drawings

Electric symbol

