

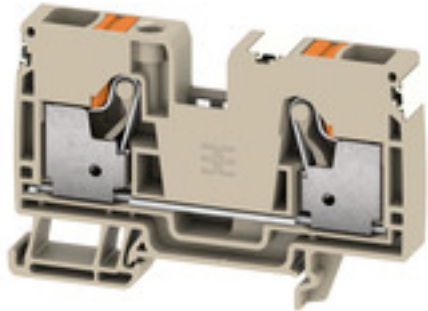
A2C 10 DL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**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, 10 mm ² , 1000 V
Order No.	2674940000
Type	A2C 10 DL
GTIN (EAN)	4050118817393
Qty.	25 pc(s).

A2C 10 DL

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Technical data

Dimensions and weights

Depth including DIN rail	52.5 mm	Net weight	36 g
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Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

UL 94 flammability rating	V-0
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Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	52 A
Wire cross section max. (ATEX)	10 m2	Max. voltage (IECEX)	550 V
Current (IECEX)	52 A	Wire cross section max. (IECEX)	10 mm ²

System specifications

Number of potentials	1	Number of potentials per tier	1
Rail	TS 35		

Additional technical data

Open sides	right
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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		
Gauge to IEC 60947-1	A6		
Stripping length	18 mm		
Tube length for AEH with plastic collar DIN 46228/4	Tube length	min.	18 mm
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	4 mm ²
	Tube length	max.	18 mm
		min.	12 mm
	Cross-section for conductor connection	min.	6 mm ²
max.		10 mm ²	
Tube length for AEH without plastic collar DIN 46228/1	Tube length	nominal	18 mm
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	10 mm ²
Tube length for twin wire-end ferrule	Tube length	nominal	18 mm
	Cross-section for conductor connection	min.	0.75 mm ²
		max.	1 mm ²
	Tube length	max.	18 mm
		min.	12 mm
	Cross-section for conductor connection	min.	1.5 mm ²
max.		4 mm ²	

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Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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Technical data

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 20
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, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²

General

Rail	TS 35	Standards	DIN EN 60947-7-1
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 20

Rating data

Rated cross-section	10 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V DC	Current at maximum wires	57 A
Standards	DIN EN 60947-7-1	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.82 W

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



ROHS

Conform

Data sheet**A2C 10 DL**

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Technical data**Downloads**

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	STEP
Brochure/Catalogue	Catalogues in PDF-format
