

**A2C 10 PE 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	PE terminal, PUSH IN, 10 mm <sup>2</sup> , Green/yellow
Order No.	<a href="#">2674960000</a>
Type	A2C 10 PE DL
GTIN (EAN)	4050118817416
Qty.	25 pc(s).

## A2C 10 PE DL

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## Technical data

## Dimensions and weights

Depth including DIN rail	52.5 mm	Net weight	41.64 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

Material	Wemid	Colour	Green/yellow
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## Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	10 mm <sup>2</sup>	Wire cross section max. (IECEX)	10 mm <sup>2</sup>

## System specifications

Number of potentials	1	Number of potentials per tier	1
Rail	TS 35	PE function	Yes
PEN function	Yes		

## 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 <sup>2</sup>		
Clamping range, min.	0.5 mm <sup>2</sup>		
Connection cross-section, stranded, max.	10 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>		
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 <sup>2</sup>
		max.	4 mm <sup>2</sup>
	Tube length	max.	18 mm
		min.	12 mm
	Cross-section for conductor connection	min.	6 mm <sup>2</sup>
max.		10 mm <sup>2</sup>	
Tube length for AEH without plastic collar DIN 46228/1	Tube length	nominal	18 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	10 mm <sup>2</sup>
Tube length for twin wire-end ferrule	Tube length	nominal	18 mm
	Cross-section for conductor connection	min.	0.75 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	max.	18 mm
		min.	12 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
max.		4 mm <sup>2</sup>	
Twin wire-end ferrules, max.	4 mm <sup>2</sup>		

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**Technical data**

Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>
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 <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**General**

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 18

**Rating data**

Rated cross-section	10 mm <sup>2</sup>	Standards	IEC 60947-7-2
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	EC000901	ETIM 7.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Brochure/Catalogue	<a href="#">Catalogues in PDF-format</a>

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