

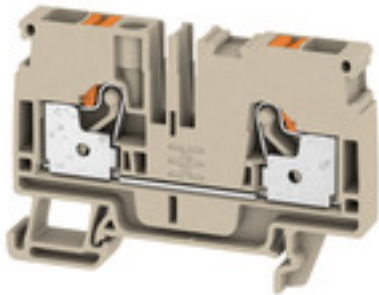
A2C 6**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Feed-through terminal, PUSH IN, 6 mm ² , 800 V, 41 A, dark beige
Order No.	1992110000
Type	A2C 6
GTIN (EAN)	4050118377064
Qty.	50 pc(s).

Creation date February 16, 2022 11:02:03 AM CET

Catalogue status 11.02.2022 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	45.5 mm	Depth (inches)	1.791 inch
Depth including DIN rail	46 mm	Height	66.5 mm
Height (inches)	2.618 inch	Width	8.1 mm
Width (inches)	0.319 inch	Net weight	16.37 g

Temperatures

Storage temperature	-25 °C...55 °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

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	37 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	37 A	Wire cross section max. (IECEX)	6 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	Number of clamping points per level	2
Number of potentials per tier	1	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

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)	38 A
Current size C (CSA)	38 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm
Clamping range, max.	6 mm ²
Clamping range, min.	0.34 mm ²
Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	top
Gauge to IEC 60947-1	A5

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Technical data

Number of connections	2			
Stripping length	12 mm			
Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm ²	
		Tube length	max. 12 mm	
		min.	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm ²	
		Tube length	max. 18 mm	
		min.	10 mm	
	Cross-section for conductor connection	min.	1 mm ²	
		max.	1.5 mm ²	
	Tube length	max.	18 mm	
min.		12 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.5 mm ²	
		max.	1 mm ²	
	Tube length	max.	12 mm	
		min.	10 mm	
	Cross-section for conductor connection	nominal	1.5 mm ²	
		Tube length	max. 18 mm	
		min.	10 mm	
	Cross-section for conductor connection	nominal	2.5 mm ²	
		Tube length	max. 18 mm	
		min.	12 mm	
	Cross-section for conductor connection	min.	4 mm ²	
		max.	6 mm ²	
	Tube length	max.	18 mm	
		min.	10 mm	
	Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm ²
			max.	1 mm ²
		Tube length	nominal	10 mm
			Cross-section for conductor connection	min. 1.5 mm ²
		max.	2.5 mm ²	
Tube length		max.	18 mm ²	
		min.	10 mm	
Cross-section for conductor connection		nominal	4 mm ²	
		Tube length	max. 18 mm	
		min.	12 mm	
Cross-section for conductor connection		nominal	6 mm ²	
		Tube length	max. 18 mm	
		min.	10 mm	
Twin wire-end ferrules, max.		1.5 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²			
Type of connection	PUSH IN			
Wire connection cross section AWG, max.	AWG 8			
Wire connection cross section AWG, min.	AWG 22			
Wire connection cross section, finely stranded, max.	6 mm ²			
Wire connection cross section, finely stranded, min.	0.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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.	6 mm ²			

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