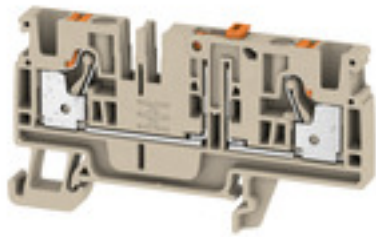


**A-series  
ADT 4 2C**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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**

Type	ADT 4 2C
Order No.	<a href="#">2429850000</a>
Version	Test-disconnect terminal, PUSH IN, 4 mm <sup>2</sup> , 500 V, 24 A, Dark Beige
GTIN (EAN)	4050118439724
Qty.	50 pc(s).

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**Technical data**
**Dimensions and weights**

Width	6.1 mm	Width (inches)	0.24 inch
Height	74 mm	Height (inches)	2.913 inch
Depth	41 mm	Depth (inches)	1.614 inch
Depth including DIN rail	42 mm	Net weight	12.49 g

**Temperatures**

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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**Material data**

Material	Wemid	Colour	Dark Beige
Colour of operational elements	Orange	UL 94 flammability rating	V-0

**System specifications**

End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Installation advice	Mounting rail	Open sides	right
Type of fixing	Snap-on	Type of mounting	TS 35

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A4	Number of connections	2
Stripping length	10 mm	Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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.	4 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, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Disconnect terminals**

Cross-disconnect	without	Integral test socket	Yes
Slitting	Pivoting		

# Data sheet

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## Technical data

### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	500 V
Rated current	24 A	Current at maximum wires	20 A
Standards	IEC/EN 60947-7-1:2009	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	4 kV	Pollution severity	3
Surge voltage category	III		

### UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	20 A
Current size C (cURus)	20 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

### Classifications

ETIM 6.0	EC000902	eClass 6.2	27-14-11-26
eClass 9.1	27-14-11-26		

### Product information

Descriptive text technical data	Approval in progress
Descriptive text accessories	All MultiMark variants (MM) = strip markers

### Approvals

Approvals	
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ROHS	Conform
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### Downloads

Approval/Certificate/Document of Conformity	<a href="#">DE PT0102 20170420 001 ISSUE01</a> <a href="#">CFAT_ADT_4_2C.pdf</a> <a href="#">IECEX TUR 16.0045U_1.pdf</a> <a href="#">TÜV 16 ATEX 7939 U.pdf</a>
Engineering Data	<a href="#">EPLAN</a>
User Documentation	<a href="#">NTI_ADT_4_2C.pdf</a>

### Safety note

Safety notice	<a href="#">Safety Information</a>
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**Drawings**

