

**A-series  
ADT 2.5 4C**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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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 2.5 4C
Order No.	<a href="#">1989860000</a>
Version	Test-disconnect terminal, PUSH IN, 2.5 mm <sup>2</sup> , 500 V, 20 A, Dark Beige
GTIN (EAN)	4050118374506
Qty.	50 pc(s).

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

Width	5.1 mm	Width (inches)	0.201 inch
Height	96 mm	Height (inches)	3.78 inch
Depth	37.65 mm	Depth (inches)	1.482 inch
Depth including DIN rail	38.4 mm	Net weight	12.779 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

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	TUEV16ATEX7339U	Certificate No. (IECEX)	IECEXTUR16.0045U
Max. voltage (ATEX)	400 V	Current (ATEX)	20 A
Wire cross section max. (ATEX)	2.5 mm <sup>2</sup>	Max. voltage (IECEX)	400 V
Current (IECEX)	20 A	Wire cross section max. (IECEX)	2.5 mm <sup>2</sup>

**System specifications**

End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	4
Number of potentials per tier	1	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
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)	20 A
Current size C (CSA)	20 A	Current size D (CSA)	5 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	28 AWG		

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**Technical data****Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	2.5 mm <sup>2</sup>
Clamping range, min.	0.14 mm <sup>2</sup>	Connection cross-section, stranded, max.	2.5 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	4
Stripping length	10 mm	Twin wire-end ferrules, max.	0.75 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 28
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	2.5 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.	2.5 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		

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated current	20 A	Current at maximum wires	20 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Current size B (cURus)	20 A
Current size C (cURus)	20 A	Current size D (cURus)	5 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 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

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity

- [CFAT\\_AD2.5\\_4C.pdf](#)
- [IECEX TUR 16.0045U\\_1.pdf](#)
- [TÜV 16 ATEX 7939 U.pdf](#)
- [DE\\_PT0102\\_20160620\\_030\\_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

[NTI\\_AD2.5\\_4C.pdf](#)

**Safety note**

Safety notice

[Safety Information](#)

