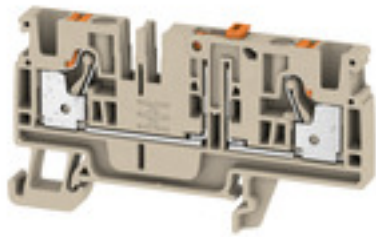


**A-series
ADT 4 2C**

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. | 2429850000 |
| Version | Test-disconnect terminal, PUSH IN, 4 mm ² , 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 |
|----------------------------------|--------|----------------------------------|--------|

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 |
| 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) | 600 V | Voltage size C (CSA) | 600 V |
| Voltage size D (CSA) | 600 V | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

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

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.5 mm ² | Connection cross-section, stranded, max. | 4 mm ² |
| Connection cross-section, stranded, min. | 0.5 mm ² | 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 ² |
| Twin wire-end ferrules, min. | 0.5 mm ² | 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 ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 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. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Disconnect terminals

| | | | |
|------------------|----------|----------------------|-----|
| Cross-disconnect | without | Integral test socket | Yes |
| Slitting | Pivoting | | |

Rating data

| | | | |
|---------------------------------|-----------------------|--|-------|
| Rated cross-section | 4 mm ² | 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 |
| Instructions for accessories | All MultiMark variants (MM) = strip markers |

Data sheet**A-series
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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | DE_PT0102_20170420_001_ISSUE01 CFAT_AD_T_4_2C.pdf IECEX_TUR_16.0045U_1.pdf TÜV_16_ATEX_7939_U.pdf |
| Engineering Data | EPLAN |
| Engineering Data | STEP |
| User Documentation | NTI_AD_T_4_2C.pdf |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|

Data sheet

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Drawings

