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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

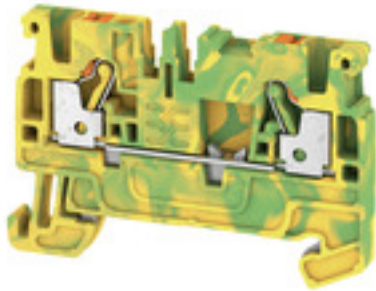
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



**A-series
A2C 2.5 PE**

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 | A2C 2.5 PE |
| Order No. | 1521680000 |
| Version | PE terminal, PUSH IN, 2.5 mm ² , green / yellow |
| GTIN (EAN) | 4050118328189 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|---------|-----------------|------------|
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Height | 55 mm | Height (inches) | 2.165 inch |
| Depth | 36.5 mm | Depth (inches) | 1.437 inch |
| Depth including DIN rail | 37 mm | Net weight | 9.2 g |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

| | | | |
|--------------------------------|--------|---------------------------|----------------|
| Material | Wemid | Colour | green / yellow |
| Colour of operational elements | Orange | UL 94 flammability rating | V-0 |

Rating data IECEx/ATEX

| | | | |
|--------------------------------|---------------------|---------------------------------|---------------------|
| Certificate No. (ATEX) | TÜV16ATEX7909U | Certificate No. (IECEX) | IECEXTUR16.0036U |
| Wire cross section max. (ATEX) | 2.5 mm ² | Wire cross section max. (IECEX) | 2.5 mm ² |

System specifications

| | | | |
|-------------------------------|-------|----------------------------------|-----|
| End cover plate required | Yes | Number of potentials | 1 |
| Number of levels | 1 | No. of clamping points per level | 2 |
| Number of potentials per tier | 1 | PE connection | Yes |
| Mounting rail | TS 35 | N-function | No |
| PE function | Yes | 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 | Voltage size B (CSA) | 600 V |
| Voltage size C (CSA) | 600 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, rated connection, max. | 2.5 mm ² |
| Clamping range, rated connection, min. | 0.14 mm ² | Connection direction | top |
| Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² | Gauge to IEC 60947-1 | A3 |
| Number of connections | 2 | Stripping length | 10 mm |
| Twin wire-end ferrules, max. | 0.75 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 with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded, max. | 2.5 mm ² |
| Wire connection cross section, solid core max. rated connection | 2.5 mm ² | Wire connection cross section, solid core, min. rated connection | 0.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 2.5 mm ² | Wire connection cross section, stranded, rated connection, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 2.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |

PE rating data

| | | | |
|--------------------------|------------------------------|--------------|----|
| Rated short-time current | 300 A (2.5 mm ²) | PEN function | No |
|--------------------------|------------------------------|--------------|----|

Rating data

| | | | |
|--|---------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage to adjoining terminal | 800 V |
| Standards | IEC 60947-7-2 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage to adjacent terminal | 8 kV | Pollution severity | 3 |
| Surge voltage category | III | | |

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 | Voltage size B (cURus) | 600 V |
| Voltage size C (cURus) | 600 V | Voltage size D (cURus) | 600 V |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 6.0 | EC000901 | eClass 6.2 | 27-14-11-41 |
| eClass 9.1 | 27-14-11-41 | | |

Product information

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

Creation date January 26, 2018 5:11:42 PM CET

Data sheet

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Technical data

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Attestation of Conformity Attestation of Conformity ATEX Certificate IECEx Certificate DE_PT0102_20160614_011_ISSUE01.pdf |
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | NTI |

Safety note

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

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Drawings

