



PRODUCT-DETAILS

# CA4-01K

## CA4-01K Auxiliary Contact Block



360°

| General Information   |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CA4-01K                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product ID            | 1SBN010160R1001                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| EAN                   | 3471523131248                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Catalog Description   | CA4-01K Auxiliary Contact Block                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Long Description      | CA4-01K is a 1-pole front mounted auxiliary contact block equipped with Push-In Spring terminals and can be fitted on AF(C)09(Z)(B)...96 contactors and NF(C)(Z)(B) contactor relays. CA4-01K is available with 1 N.C. instantaneous contacts for standard industrial environments. With the Push-in Spring terminals, one push is all you need for a faster than ever installation, an easier than ever wiring and a reliable as ever connection. |

| Ordering               |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85389099 |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SBC100214C0202 |
| Instructions and Manuals          | 1SBC101054M6801 |
| CAD Dimensional Drawing           | 2CDC001079B0201 |

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 10 mm    |
| Product Net Depth / Length | 39.5 mm  |
| Product Net Height         | 45 mm    |
| Product Net Weight         | 0.012 kg |

Technical

|                                                                   |                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Auxiliary Contacts NO                                   | 0                                                                                                                                                                                                                                             |
| Number of Auxiliary Contacts NC                                   | 1                                                                                                                                                                                                                                             |
| Number of Poles                                                   | 1P                                                                                                                                                                                                                                            |
| Standards                                                         | IEC/EN 60947-5-1, UL 60947-5-1, CSA C22.2 No. 60947-5-1-14                                                                                                                                                                                    |
| Rated Operational Voltage                                         | Auxiliary Circuit 690 V                                                                                                                                                                                                                       |
| Rated Frequency (f)                                               | Auxiliary Circuit 50 / 60 Hz                                                                                                                                                                                                                  |
| Conventional Free-air Thermal Current (I <sub>th</sub> )          | acc. to IEC 60947-5-1, $\Theta = 40\text{ }^{\circ}\text{C}$ 16 A                                                                                                                                                                             |
| Rated Operational Current AC-15 (I <sub>e</sub> )                 | (500 V) 2 A<br>(690 V) 2 A<br>(24 / 127 V) 6 A<br>(220 / 240 V) 4 A<br>(400 / 440 V) 3 A                                                                                                                                                      |
| Rated Operational Current DC-13 (I <sub>e</sub> )                 | (24 V) 6 A / 144 W<br>(48 V) 2.8 A / 134 W<br>(72 V) 1 A / 72 W<br>(110 V) 0.55 A / 60 W<br>(125 V) 0.55 A / 69 W<br>(220 V) 0.27 A / 60 W<br>(250 V) 0.27 A / 68 W<br>(400 V) 0.15 A / 60 W<br>(500 V) 0.13 A / 65 W<br>(600 V) 0.1 A / 60 W |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 0.1 s 140 A<br>for 1 s 100 A                                                                                                                                                                                                              |
| Rated Insulation Voltage (U <sub>i</sub> )                        | acc. to IEC 60947-5-1 690 V<br>acc. to UL/CSA 600 V                                                                                                                                                                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 6 kV                                                                                                                                                                                                                                          |
| Maximum Electrical Switching Frequency                            | (AC-15) 1200 cycles per hour<br>(DC-13) 900 cycles per hour                                                                                                                                                                                   |
| Maximum Mechanical Switching Frequency                            | 3600 cycles per hour                                                                                                                                                                                                                          |
| Connecting Capacity Auxiliary Circuit                             | Flexible with Ferrule 1/2x 0.5 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1/2x 0.5 ... 1.5 mm <sup>2</sup><br>Flexible 1/2x 0.5 ... 2.5 mm <sup>2</sup><br>Rigid Solid 1/2x 1 ... 2.5 mm <sup>2</sup>                         |
| Wire Stripping Length                                             | Auxiliary Circuit 10 mm                                                                                                                                                                                                                       |

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Degree of Protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Terminal Type        | Push-in Spring Terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Suitable For         | AF09<br>AF09Z<br>AF12<br>AF12Z<br>AF16<br>AF16Z<br>AF26<br>AF26Z<br>AF30<br>AF30Z<br>AF38<br>AF38Z<br>AF40<br>AF52<br>AF65<br>AF80<br>AF96<br>AFC09<br>AFC12<br>AFC16<br>AFC26<br>AFC30<br>AFC38<br>AFC40<br>AFC52<br>AFC65<br>AFC80<br>AFC96<br>AF09B<br>AF09ZB<br>AF12B<br>AF12ZB<br>AF16B<br>AF16ZB<br>AF26B<br>AF26ZB<br>AF30B<br>AF30ZB<br>AF38B<br>AF38ZB<br>AF40B<br>AF52B<br>AF65B<br>AF80B<br>AF96B<br>NF22E<br>NFZ22E<br>NF31E<br>NFZ31E<br>NF40E<br>NFZ40E<br>NFC22E<br>NFC31E<br>NFC40E<br>NFZB22E<br>NFB22E<br>NFZB31E<br>NFB31E<br>NFZB40E<br>NFB40E |
| Product Name         | Auxiliary Contact Block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

|                          |                            |
|--------------------------|----------------------------|
| <b>Technical UL/CSA</b>  |                            |
| Connecting Capacity      | Rigid Solid 1/2x 18-14 AWG |
| Auxiliary Circuit UL/CSA |                            |

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| <b>Material Compliance</b>                  |                                                                        |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                        |
| REACH Declaration                           | 2CMT2021-006202                                                        |
| RoHS Information                            | 2CMT2021-006277                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| WEEE B2C / B2B                              | Business To Business                                                   |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>Certificates and Declarations</b> |                              |
| ABS Certificate                      | ABS_20-2060694-PDA           |
| CB Certificate                       | CB_SE-93052A1                |
| CQC Certificate                      | CQC2011010304496319          |
|                                      | CQC2013010304651497          |
|                                      | CQC2019010304264779          |
| Declaration of Conformity - CCC      | 2020980304001258             |
|                                      | 2020980304001259             |
|                                      | 2020980304001053             |
| Declaration of Conformity - CE       | 1SBD250007U1000              |
| Declaration of Conformity - UKCA     | 1SBD250038U1000              |
| DNV Certificate                      | DNV_TAE00001BV-5             |
| LR Certificate                       | LRS_LR23403517TA-02          |
| RMRS Certificate                     | RMRS_1802703280              |
| UL Certificate                       | UL-US-L252354-131-82119002-6 |
|                                      | UL-CA-L252354-331-82119002-5 |

|                                |               |
|--------------------------------|---------------|
| <b>Container Information</b>   |               |
| Package Level 1 Units          | bag 1 piece   |
| Package Level 1 Width          | 100 mm        |
| Package Level 1 Depth / Length | 100 mm        |
| Package Level 1 Height         | 10 mm         |
| Package Level 1 Gross Weight   | 0.016 kg      |
| Package Level 1 EAN            | 3471523131248 |

|                                    |                                    |
|------------------------------------|------------------------------------|
| <b>Classifications</b>             |                                    |
| Object Classification Code         | K                                  |
| ETIM 7                             | EC000041 - Auxiliary contact block |
| ETIM 8                             | EC000041 - Auxiliary contact block |
| ETIM 9                             | EC000041 - Auxiliary contact block |
| eClass                             | V11.0 : 27371302                   |
| UNSPSC                             | 39121522                           |
| IDEA Granular Category Code (IGCC) | 4743 >> Auxiliary contact block    |
| E-Number (Finland)                 | 3708029                            |

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors

