

PRODUCT-DETAILS

# CA4-22M

## CA4-22M Auxiliary Contact Block



### General Information

|                       |                                 |
|-----------------------|---------------------------------|
| Extended Product Type | CA4-22M                         |
| Product ID            | 1SBN010140R1122                 |
| EAN                   | 3471523130166                   |
| Catalog Description   | CA4-22M Auxiliary Contact Block |

|                  |  |
|------------------|--|
| Long Description | <p>The auxiliary contact blocks are used for the operation of auxiliary circuits and control circuits for standard industrial environments.</p> <p>Types of auxiliary contact blocks for front mounting:</p> <ul style="list-style-type: none"> <li>• CA4 1 or 4-pole block, with instantaneous N.O., N.C. contacts</li> <li>• CC4 1-pole block, with N.O. leading contact or N.C. lagging contact</li> <li>• CAT4 2-pole block, with instantaneous N.O. + N.C. contacts and A1 / A2 coil terminal connection on front face.</li> </ul>  |
|                  | <p>Select the 4-pole auxiliary contact blocks CA4-..E, CA4-..M, CA4-..U or CA4-..N type, according to the contactor or contactor relay type for compliance with the standard requirements (see "Terminal marking and positioning").</p> <p>Types of auxiliary contact blocks for side mounting:</p> <ul style="list-style-type: none"> <li>• CAL4 2-pole block, with instantaneous N.O. + N.C. contacts.</li> </ul> <p>For clipping onto the right- and/or left-hand side of the contactors. The auxiliary contact blocks are equipped with screw type connecting terminals delivered open, protected against accidental direct contact and bear the corresponding function marking.</p> |

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Sweden)      | 3211420       |
| EAN                    | 3471523130166 |
| Minimum Order Quantity | 1 piece       |

|                       |          |
|-----------------------|----------|
| Customs Tariff Number | 85389099 |
|-----------------------|----------|

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 43 mm    |
| Product Net Height         | 43 mm    |
| Product Net Depth / Length | 39.5 mm  |
| Product Net Weight         | 0.055 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 1 piece   |
| Package Level 1 Width          | 46 mm         |
| Package Level 1 Height         | 46 mm         |
| Package Level 1 Depth / Length | 46 mm         |
| Package Level 1 Gross Weight   | 0.055 kg      |
| Package Level 1 EAN            | 3471523130166 |
| Package Level 2 Units          | box 192 piece |
| Package Level 2 Gross Weight   | 10.56 kg      |
| Package Level 3 Units          | 4608 piece    |

## Environmental

|             |                                   |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

## Technical UL/CSA

|                             |                         |
|-----------------------------|-------------------------|
| Tightening Torque<br>UL/CSA | Auxiliary Circuit 11 IA |
|-----------------------------|-------------------------|

## Additional Information

|   |   |
|---|---|
| Connecting Capacity<br>Auxiliary Circuit              | Flexible with Ferrule 1/2x 0.75 ... 2.5<br>Flexible with Insulated Ferrule 2x 0.75 ... 1.5<br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5<br>Rigid 1/2x 1 ... 2.5 m²  |
| Conventional Free-air<br>Thermal Current ( $I_{th}$ ) | acc. to IEC 60947-5-1, q = 40 °C 16 A   |
| Maximum Electrical<br>Switching Frequency             | AC-15 1200 cycles per hour<br>DC-13 900 cycles per hour   |
| Maximum Mechanical<br>Switching Frequency             | 3600 cycles per hour  |
| Medium Description                                    | CA4-.. Auxiliary Contact Block is a separate auxiliary block for standard industrial environments. This product is a front-mounted instantaneous auxiliary contact block. CA4 is available in 1 or 4-pole (e.g. CA4-31E has 3 N.O. and 1 N.C.). The auxiliary contact block is equipped with IP20 screw type connecting terminals delivered open. The -M, -N, -E and -U versions offer different markings to match the existing marking on the contactor or the contactor relay |

it is mounted on (see "Terminal marking and positioning" data in the catalogue).

|   |   |
|---|---|
| Mounted Auxiliary Contacts                      | 2 NO, 2 NC  |
| Mounting Type                                   | Front mounting  |
| Number of Auxiliary Contacts NC                 | 2   |
| Number of Auxiliary Contacts NO                 | 2   |
| Order Multiple                                  | 1 piece   |
| Product Main Type                               | Accessories for Block Contactors  |
| Product Name                                    | Auxiliary Contact Block   |
| Rated Frequency (f)                             | Auxiliary Circuit 50 / 60 Hz  |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )   | 6 kV  |
| Rated Insulation Voltage ( $U_i$ )              | acc. to UL/CSA 600 V<br>acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V  |
| Rated Operational Current AC-15 ( $I_e$ )       | (220 / 240 V) 4 A<br>(24 / 127 V) 6 A<br>(500 V) 2 A<br>(690 V) 2 A<br>(400 / 440 V) 3 A  |
| Rated Operational Current DC-13 ( $I_e$ )       | (125 V) 0.55 A / 69 W<br>(24 V) 6 A / 144 W<br>(250 V) 0.27 A / 68 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>(220 V) 0.27 A / 60 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 Operational Voltage                       | Auxiliary Circuit 24 ... 690 V  |
| Rated Short-time Withstand Current ( $I_{cw}$ ) | for 0.1 s 140 A<br>for 1 s 100 A  |
| RoHS Date                                       | 20171115  |
| Suitable For                                    | AF09<br>AF12<br>AF16  |
| Terminal Type                                   | Screw Terminals   |
| Tightening Torque                               | Auxiliary Circuit 1.2 N·m   |
| Wire Stripping Length                           | Auxiliary Circuit 10 mm   |

## Certificates and Declarations (Document Number)

|                                |                               |
|--------------------------------|-------------------------------|
| ABS Certificate                | ABS_15-GE1349500-PDA_90682247 |
| BV Certificate                 | BV_2634H24900B0               |
| CB Certificate                 | CB_SE-93053                   |
| CCC Certificate                | CCC_2013010304651497          |
| cUL Certificate                | UL_20180227_E252354_3_1       |
| Declaration of Conformity - CE | 1SBD250007U1000               |
| DNV Certificate                | DNV-GL_TAE00001BV-3           |
| DNV GL Certificate             | DNV-GL_TAE00001BV-3           |
| EAC Certificate                | EAC_RU C-FR ME77 B03391       |

|                           |                             |
|---------------------------|-----------------------------|
| Environmental Information | 1SBD250143E1000             |
| GL Certificate            | DNV-GL_TAE00001BV-3         |
| GOST Certificate          | GOST_POCCFR.ME77.B07175.pdf |
| Instructions and Manuals  | 1SBC101041M6801             |
| LR Certificate            | LRS_1300087E1               |
| RINA Certificate          | RINA_ELE084013XG            |
| RMRS Certificate          | RMRS_1802703280             |
| RoHS Information          | 1SBD250007U1000             |
| UL Certificate            | UL_20091128-E252354-3-1     |
| UL Listing Card           | UL_E252354                  |

Classifications

|                            |  |
|----------------------------|--|
| ETIM 4                     | EC002498 - Accessories for low-voltage switch technology   |
| ETIM 5                     | EC002498 - Accessories for low-voltage switch technology   |
| ETIM 6                     | EC000041 - Auxiliary contact block                         |
| ETIM 7                     | EC000041 - Auxiliary contact block                         |
| Object Classification Code | K  |
| UNSPSC                     | 39121500   |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

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

