

PRODUCT-DETAILS

# CA4-22NRT

## CA4-22NRT Auxiliary Contact Block



### General Information

|                       |                                   |
|-----------------------|-----------------------------------|
| Extended Product Type | CA4-22NRT                         |
| Product ID            | 1SBN010142R1222                   |
| EAN                   | 3471523130500                     |
| Catalog Description   | CA4-22NRT 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

|                        |               |
|------------------------|---------------|
| EAN                    | 3471523130500 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85389099      |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 45 mm   |
| Product Net Height         | 43 mm   |
| Product Net Depth / Length | 39.8 mm |
| Product Net Weight         | 0.05 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   | 0.05 kg       |
| Package Level 1 EAN            | 3471523130500 |
| Package Level 2 Units          | box 0 piece   |
| Package Level 2 Width          | 0 mm          |
| Package Level 2 Height         | 0 mm          |
| Package Level 2 Depth / Length | 0 mm          |
| Package Level 3 Units          | 0 piece       |

## Environmental

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

## Additional Information

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conventional Free-air Thermal Current ( $I_{th}$ ) | acc. to IEC 60947-5-1, $\varphi = 40\text{ }^{\circ}\text{C}$ 16 A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Fire and Smoke Standards                           | ASTM E 1354<br>ASTM E 162<br>ASTM E 662<br>BSS 7239<br>EN 45545 (Hazard levels HL2, HL3)<br>NF F 16-101 / NF F 16-102                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Medium Description                                 | CA4-..RT Auxiliary Contact Block is a separate auxiliary block with screws for ring tongue ferrules, for standard industrial environments. This product is a front-mounted instantaneous auxiliary contact block. CA4-..RT is available in 2 or 4-pole (e.g: CA4-31ERT has 3 N.O. and 1 N.C.). The letters RT means that the auxiliary contact block is equipped with IP20 non-detachable screws with conic washers for a fast and secure tightening of cables with ring tongue ferrules, delivered open. The -M, -U, -N and -E 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). |

|                                                    |                                                                                                                                                                                                                                               |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting Type                                      | Front mounting                                                                                                                                                                                                                                |
| Number of Auxiliary<br>Contacts NC                 | 2                                                                                                                                                                                                                                             |
| Number of Auxiliary<br>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<br>Voltage ( $U_{imp}$ )   | 6 kV                                                                                                                                                                                                                                          |
| Rated Insulation Voltage<br>( $U_i$ )              | acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V                                                                                                                                                                                              |
| Rated Operational Current<br>AC-15 ( $I_e$ )       | (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<br>DC-13 ( $I_e$ )       | (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 Operational Voltage                          | Auxiliary Circuit 24 ... 690 V                                                                                                                                                                                                                |
| Rated Short-time<br>Withstand Current ( $I_{cw}$ ) | for 0.1 s 140 A<br>for 1 s 100 A                                                                                                                                                                                                              |
| RoHS Date                                          | 20171115                                                                                                                                                                                                                                      |
| Suitable For                                       | NF                                                                                                                                                                                                                                            |
| Terminal Type                                      | Ring-Tongue Terminals                                                                                                                                                                                                                         |
| Tightening Torque                                  | Main Circuit 1.2 N·m                                                                                                                                                                                                                          |

## Certificates and Declarations (Document Number)

|                                    |                                            |
|------------------------------------|--------------------------------------------|
| CB Certificate                     | CB_SE-93053                                |
| CCC Certificate                    | CCC_2013010304651497                       |
| CQC Certificate                    | CQC2011010304496319<br>CQC2013010304651497 |
| Declaration of Conformity<br>- CCC | 2020980304001258<br>2020980304001259       |
| Declaration of Conformity<br>- CE  | 1SBD250007U1000                            |
| EAC Certificate                    | EAC_RU C-FR ME77 B03391                    |
| Environmental Information          | 1SBD250166E1000                            |
| Instructions and Manuals           | 1SBC101035M6801                            |
| RoHS Information                   | 1SBD250007U1000                            |

## 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) |  |
| eClass                     | V11.0 : 27371302                                           |  |

Categories

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

