

PRODUCT-DETAILS

# CA4-31NRT

## CA4-31NRT Auxiliary Contact Block



### General Information

|                       |                                   |
|-----------------------|-----------------------------------|
| Extended Product Type | CA4-31NRT                         |
| Product ID            | 1SBN010142R1231                   |
| EAN                   | 3471523130517                     |
| Catalog Description   | CA4-31NRT 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> |

### Technical

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| Fire and Smoke Standards | ASTM E 1354<br>ASTM E 162<br>ASTM E 662<br>BSS 7239 |
|--------------------------|-----------------------------------------------------|

EN 45545 (Hazard levels HL2, HL3)  
NF F 16-101 / NF F 16-102

|                                                                   |                                                                                          |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Product Name                                                      | Auxiliary Contact Block                                                                  |
| Suitable For                                                      | NFZB22E<br>NFB22E<br>NFZB31E<br>NFB31E<br>NFZB40E<br>NFB40E                              |
| Rated Operational Voltage                                         | Auxiliary Circuit 24 ... 690 V                                                           |
| Rated Insulation Voltage<br>( $U_i$ )                             | acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V                                         |
| Rated Impulse Withstand<br>Voltage ( $U_{imp}$ )                  | 6 kV                                                                                     |
| Rated Operational Current<br>AC-15 ( $I_{\theta}$ )               | (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 Short-time<br>Withstand Current Low<br>Voltage ( $I_{cw}$ ) | for 0.1 s 140 A<br>for 1 s 100 A                                                         |
| Rated Frequency (f)                                               | Auxiliary Circuit 50 / 60 Hz                                                             |
| Number of Auxiliary<br>Contacts NC                                | 1                                                                                        |
| Number of Auxiliary<br>Contacts NO                                | 3                                                                                        |
| Low Coil Consumption                                              | No                                                                                       |
| Tightening Torque                                                 | Auxiliary Circuit 1.2 N·m                                                                |
| Mounting Type                                                     | Front mounting                                                                           |
| Terminal Type                                                     | Ring-Tongue Terminals                                                                    |

## Environmental

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Degree of Protection      | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 |
| RoHS Status               | Following EU Directive 2011/65/EU                                 |
| Environmental Information | 1SBD250166E1000                                                   |

## Dimensions

|                               |         |
|-------------------------------|---------|
| Product Net Width             | 45 mm   |
| Product Net Height            | 43 mm   |
| Product Net Depth /<br>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 /<br>Length | 46 mm       |

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Gross Weight   | 0.05 kg       |
| Package Level 1 EAN            | 3471523130517 |
| 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       |

## Ordering

|                         |             |
|-------------------------|-------------|
| Minimum Order Quantity  | 1 piece     |
| Customs Tariff Number   | 85389099    |
| Country of Origin       | Poland (PL) |
| Selling Unit of Measure | piece       |

## Certificates and Declarations (Document Number)

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

## Popular Downloads

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SBC101035M6801 |
|--------------------------|-----------------|

## Classifications

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| ETIM 6                     | EC000041 - Auxiliary contact block                         |
| ETIM 7                     | EC000041 - Auxiliary contact block                         |
| ETIM 8                     | EC000041 - Auxiliary contact block                         |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Business                                       |
| CN8                        | 8538 90 99                                                 |
| UNSPSC                     | 39121500                                                   |
| eClass                     | V11.0 : 27371302                                           |
| Object Classification Code | K                                                          |

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## Categories

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

