

PRODUCT-DETAILS

CA4-10

CA4-10 Auxiliary Contact Block



General Information

| | |
|-----------------------|--------------------------------|
| Extended Product Type | CA4-10 |
| Product ID | 1SBN010110R1010 |
| EAN | 3471523130005 |
| Catalog Description | CA4-10 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"> • CA4 1 or 4-pole block, with instantaneous N.O., N.C. contacts • CC4 1-pole block, with N.O. leading contact or N.C. lagging contact • CAT4 2-pole block, with instantaneous N.O. + N.C. contacts and A1 / A2 coil terminal connection on front face. <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"> • CAL4 2-pole block, with instantaneous N.O. + N.C. contacts. <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 (Finland) | 3706500 |
| E-Number (Sweden) | 3211416 |
| EAN | 3471523130005 |

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

Dimensions

| | |
|----------------------------|----------|
| Product Net Width | 9.9 mm |
| Product Net Height | 43 mm |
| Product Net Depth / Length | 39.5 mm |
| Product Net Weight | 0.014 kg |

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | bag 1 piece |
| Package Level 1 Width | 100 mm |
| Package Level 1 Height | 10 mm |
| Package Level 1 Depth / Length | 100 mm |
| Package Level 1 Gross Weight | 0.014 kg |
| Package Level 1 EAN | 3471523130005 |
| Package Level 2 Units | box 720 piece |
| Package Level 2 Gross Weight | 10.08 kg |
| Package Level 3 Units | 12960 piece |

Environmental

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

Technical UL/CSA

| | |
|-----------------------------|-------------------------|
| Tightening Torque UL/CSA | Auxiliary Circuit 11 IA |
|-----------------------------|-------------------------|

Additional Information

| | |
|---|---|
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ² Rigid 1/2x 1 ... 2.5 mm ² |
| Conventional Free-air Thermal Current (I _{th}) | acc. to IEC 60947-5-1, q = 40 °C 16 A |
| Maximum Electrical Switching Frequency | (AC-15) 1200 cycles per hour (DC-13) 900 cycles per hour |
| Maximum Mechanical 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 | 1 NO, 0 NC |
| Mounting Type | Front mounting |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| 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 IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V acc. to UL/CSA 600 V |
| Rated Operational Current AC-15 (I_{θ}) | (500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (400 / 440 V) 3 A |
| Rated Operational Current DC-13 (I_{θ}) | (24 V) 6 A / 144 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (125 V) 0.55 A / 69 W (220 V) 0.27 A / 60 W (250 V) 0.27 A / 68 W (400 V) 0.15 A / 60 W (500 V) 0.13 A / 65 W (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 for 1 s 100 A |
| RoHS Date | 20171115 |
| Suitable For | AF09 AF12 AF16 AF26 AF30 AF38 AF40 AF52 AF65 AF80 AF96 NF |
| 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-93052 |

| | |
|------------------------------------|---|
| CCC Certificate | CCC_2011010304496319 |
| CQC Certificate | CQC2011010304496319 CQC2013010304651497 CQC2019010304264779 |
| cUL Certificate | UL_20180227_E252354_3_1 |
| Declaration of Conformity - CCC | 2020980304001258 2020980304001259 2020980304001053 |
| 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) |
| eClass | V11.0 : 27371302 |

Categories

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

