

## PRODUCT-DETAILS

# CAL4-11

## CAL4-11 Auxiliary Contact Block



### General Information

|                       |                                 |
|-----------------------|---------------------------------|
| Extended Product Type | CAL4-11                         |
| Product ID            | 1ISBN010120R1011                |
| EAN                   | 3471523130043                   |
| Catalog Description   | CAL4-11 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

|                        |                                  |
|------------------------|----------------------------------|
| Minimum Order Quantity | 1 piece                          |
| Customs Tariff Number  | 85389099                         |
| Product Main Type      | Accessories for Block Contactors |

## Popular Downloads

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SBC101041M6801 |
| CAD Dimensional Drawing  | 2CDC001079B0201 |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 12 mm   |
| Product Net Depth / Length | 60 mm   |
| Product Net Height         | 69.4 mm |
| Product Net Weight         | 0.04 kg |

## Technical

|                                                                   |                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connecting Capacity Auxiliary Circuit                             | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup><br>Rigid 1/2x 1 ... 2.5 mm <sup>2</sup>         |
| 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                                                                                                                                                                                                                          |
| Mounted Auxiliary Contacts                                        | 1 NO, 1 NC                                                                                                                                                                                                                                    |
| Mounting Type                                                     | Side Mounting                                                                                                                                                                                                                                 |
| Number of Auxiliary Contacts NC                                   | 1                                                                                                                                                                                                                                             |
| Number of Auxiliary Contacts NO                                   | 1                                                                                                                                                                                                                                             |
| Rated Frequency (f)                                               | Auxiliary Circuit 50 / 60 Hz                                                                                                                                                                                                                  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 6 kV                                                                                                                                                                                                                                          |
| Rated Insulation Voltage (U <sub>i</sub> )                        | acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V<br>acc. to UL/CSA 600 V                                                                                                                                                                      |
| Rated Operational Current AC-15 (I <sub>θ</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>θ</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 Operational Voltage                                         | Auxiliary Circuit 690 V                                                                                                                                                                                                                       |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 0.1 s 140 A<br>for 1 s 100 A                                                                                                                                                                                                              |
| 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                                                                                                                                            |

- AF40
- AF52
- AF65
- AF80
- AF96
- AFC09
- AFC12
- AFC16
- AFC26
- AFC30
- AFC38
- AFS09
- AFS12
- AFS16
- AFS26
- AFS30
- AFS38
- AFS40
- AFS52
- AFS65
- AFS80
- AFS96
- AF09B
- AF09ZB
- AF12B
- AF12ZB
- AF16B
- AF16ZB
- AF26B
- AF26ZB
- AF30B
- AF30ZB
- AF38B
- AF38ZB
- NF22E
- NFZ22E
- NF31E
- NFZ31E
- NF40E
- NFZ40E
- NF44E
- NFZ44E
- NF53E
- NFZ53E
- NF62E
- NFZ62E
- NF71E
- NFZ71E
- NF80E
- NFZ80E
- NF33/11
- NF51/11
- NFC22E
- NFC31E
- NFC40E
- NFC44E
- NFC53E
- NFC62E
- NFC71E
- NFC80E
- NFC33/11
- NFC51/11
- NFZB22E
- NFB22E
- NFZB31E
- NFB31E
- NFZB40E
- NFB40E
- NFZB44E
- NFB44E
- NFZB62E
- NFB62E
- NFZB80E
- NFB80E

|                       |                           |
|-----------------------|---------------------------|
| Terminal Type         | Screw Terminals           |
| Tightening Torque     | Auxiliary Circuit 1.2 N·m |
| Wire Stripping Length | Auxiliary Circuit 10 mm   |

Technical UL/CSA

|                   |      |
|-------------------|------|
| Pilot Duty UL/CSA | A600 |
|-------------------|------|

Q600

Tightening Torque  
UL/CSA

Auxiliary Circuit 11 in-lb

## Environmental

|                                                    |                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------|
| Conventional Free-air Thermal Current ( $I_{th}$ ) | acc. to IEC 60947-5-1, q = 40 °C 16 A                             |
| Degree of Protection                               | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 |
| RoHS Information                                   | 2CMT2021-006277                                                   |
| WEEE B2C / B2B                                     | Business To Business                                              |
| WEEE Category                                      | 5. Small Equipment (No External Dimension More Than 50 cm)        |

## Certificates and Declarations (Document Number)

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| ABS Certificate                  | ABS_20-2060694-PDA                                           |
| BV Certificate                   | BV_2634H24900B0                                              |
| CB Certificate                   | CB_SE-93052A1                                                |
| CQC Certificate                  | CQC2011010304496319<br>CQC2019010304264779                   |
| Declaration of Conformity - CCC  | 2020980304001258<br>2020980304001053                         |
| Declaration of Conformity - CE   | 1SBD250007U1000                                              |
| Declaration of Conformity - UKCA | 1SBD250038U1000                                              |
| DNV Certificate                  | DNV-GL_TAE00001BV-3                                          |
| DNV GL Certificate               | DNV-GL_TAE00001BV-3                                          |
| EAC Certificate                  | EAC_RU C-FR ME77 B03391                                      |
| Environmental Information        | 1SBD250145E1000                                              |
| GL Certificate                   | DNV-GL_TAE00001BV-3                                          |
| GOST Certificate                 | GOST_POCCFR.ME77.B07175.pdf                                  |
| Instructions and Manuals         | 1SBC101041M6801                                              |
| LR Certificate                   | LRS_1300087E1                                                |
| REACH Declaration                | 2CMT2021-006202                                              |
| RINA Certificate                 | RINA_ELE084013XG                                             |
| RMRS Certificate                 | RMRS_1802703280                                              |
| RoHS Information                 | 2CMT2021-006277                                              |
| UL Certificate                   | UL-US-L252354-131-82119002-6<br>UL-CA-L252354-331-82119002-5 |
| UL Listing Card                  | UL_E252354                                                   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | bag 1 piece   |
| Package Level 1 Width          | 125 mm        |
| Package Level 1 Depth / Length | 125 mm        |
| Package Level 1 Height         | 20 mm         |
| Package Level 1 Gross Weight   | 0.04 kg       |
| Package Level 1 EAN            | 3471523130043 |
| Package Level 2 Units          | box 300 piece |
| Package Level 2 Gross Weight   | 12 kg         |

Package Level 3 Units

5400 piece

Classifications

|                            |                                    |
|----------------------------|------------------------------------|
| eClass                     | V11.0 : 27371302                   |
| E-Number (Finland)         | 3706506                            |
| E-Number (Sweden)          | 3211435                            |
| ETIM 6                     | EC000041 - Auxiliary contact block |
| ETIM 7                     | EC000041 - Auxiliary contact block |
| ETIM 8                     | EC000041 - Auxiliary contact block |
| Object Classification Code | K                                  |
| UNSPSC                     | 39121500                           |

Categories

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

