

## 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

