

PRODUCT-DETAILS

CAL4-11

CAL4-11 Auxiliary Contact Block



General Information

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| Extended Product Type | CAL4-11 |
| Product ID | 1SBN010120R1011 |
| EAN | 3471523130043 |
| Catalog Description | CAL4-11 Auxiliary Contact Block |
| Long Description | CAL4-11 is a 2-pole side mounted auxiliary contact block equipped with screw terminals and can be fitted on AF(C)09(Z)(B)...96 contactors and NF(C)(Z)(B) contactor relays. CAL4 auxiliary contact block can be clipped onto the right- and/or left-hand side of the contactors or the contactor relays and bears the corresponding function marking. CAL4-11 is available with 1 N.O. and 1 N.C. instantaneous contacts for standard industrial environments. |

Ordering

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|------------------------|----------------------------------|
| 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

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

Technical

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| 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 Solid 1/2x 1 ... 2.5 mm ² Rigid Stranded 1/2x 1 ... 2.5 mm ² |
| Maximum Electrical Switching Frequency | (AC-15) 1200 cycles per hour (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 |
| Number of Poles | 2 |
| Rated Frequency (f) | Auxiliary Circuit 50 / 60 Hz |
| Rated Impulse Withstand Voltage (U _{imp}) | 6 kV |
| Rated Insulation Voltage (U _i) | acc. to IEC 60947-5-1 690 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 690 V |
| Rated Short-time Withstand Current Low Voltage (I _{cw}) | for 0.1 s 140 A for 1 s 100 A |
| Standards | IEC/EN 60947-5-1, UL 60947-5-1, CSA C22.2 No. 60947-5-1-14 |
| Suitable For | AF09 AF09Z AF12 AF12Z AF16 AF16Z AF26 AF26Z AF30 AF30Z AF38 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

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

Technical UL/CSA

Connecting Capacity

Rigid Solid 1/2x 18-14 AWG

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|-----------------------------|-------------------------------|
| Auxiliary Circuit UL/CSA | Rigid Stranded 1/2x 18-14 AWG |
| Pilot Duty UL/CSA | A600 Q600 |
| Tightening Torque UL/CSA | Auxiliary Circuit 11 in-lb |

Environmental

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|---|---|
| Conventional Free-air Thermal Current (I_{th}) | acc. to IEC 60947-5-1, $\Theta = 40\text{ }^{\circ}\text{C}$ 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_2634H24900C0 |
| CB Certificate | CB_SE-93052A1 |
| CQC Certificate | CQC2011010304496319 CQC2019010304264779 |
| Declaration of Conformity - CCC | 2020980304001258 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 UL-CA-L252354-331-82119002-5 |
| UL Listing Card | UL_E252354 |

Container Information

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|-----------------------------------|---------------|
| 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 |

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|------------------------------|---------------|
| Package Level 2 Units | box 300 piece |
| Package Level 2 Gross Weight | 12 kg |
| Package Level 3 Units | 5400 piece |

Classifications

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|------------------------------------|------------------------------------|
| 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 |
| ETIM 9 | EC000041 - Auxiliary contact block |
| IDEA Granular Category Code (IGCC) | 4743 >> Auxiliary contact block |
| Object Classification Code | K |
| UNSPSC | 39121522 |

Categories

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

