

Representative Image

# Alternate Catalog No. CA4-31E
# Catalog No. 1SBN010140R1031

**Description: CA4-31E Auxiliary Contact Block**

**UPC No 3471523130135**

**Home > Contactors & Starters > UL Listed IEC Contactors > AF Contactors**

The auxiliary contact blocks are used for the operation of auxiliary circuits and control circuits for standard industrial environments. Types of auxiliary contact blocks for front mounting: • 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. 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"). Types of auxiliary contact blocks for side mounting: • CAL4 2-pole block, with instantaneous N.O. + N.C. contacts. 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.

## Descriptors

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|---|---|
| Category | AF Contactors |
| Block Contactor Type | Aux Contact |

## Specifications

| | |
|---|---|
| Product Type | AF |
| Object Classification Code | K |
| Terminal Type | Screw Terminals |
| Number of Auxiliary Contacts NO | 3 |
| RoHS Status | Following EU Directive 2011/65/EU |
| Rated Operational Voltage | Auxiliary Circuit 24 ... 690 V |
| Number of Auxiliary Contacts NC | 1 |
| Tightening Torque UL/CSA | Auxiliary Circuit 11 IA |
| Conventional Free-air Thermal Current | acc. to IEC 60947-5-1, q = 40 °C 16 A |
| Rated Operational Current AC-15 | (220 / 240 V) 4 A<br>(24 / 127 V) 6 A<br>(500 V) 2 A<br>(690 V) 2 A<br>(400 / 440 V) 3 A |
| Rated Frequency | Auxiliary Circuit 50 Hz<br>Auxiliary Circuit 60 Hz |
| Rated Short-time Withstand Current | for 0.1 s A<br>for 1 s A |
| Maximum Electrical Switching Frequency | AC-15 1200 cycles per hour<br>DC-13 900 cycles per hour |
| Rated Insulation Voltage | acc. to UL/CSA 600 V<br>acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V |
| Maximum Mechanical Switching Frequency | 3600 cycles per hour |
| Secondary Rated Impulse Withstand Voltage | 6 kV |

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## Specifications

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|---|---|
| Rated Operational Current DC-13 | (125 V) 0.55 A / 69 W<br>(24 V) 6 A / 144 W<br>(250 V) 0.27 A / 68 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>(220 V) 0.27 A / 60 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 |
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 1/2x 0.75 ... 2.5 m²<br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5/2x 0.75 ... 1.5 m²<br>Rigid 1/2x 1 ... 2.5 m² |
| Wire Stripping Length | Auxiliary Circuit 10 mm |

## Classifications

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|---|---|
| ETIM 4 | EC002498 - Accessories for low-voltage switch technology |
| ETIM 6.0 | EC000041 - Auxiliary contact block |
| ETIM 7 | EC000041 - Auxiliary contact block |
| ETIM 5.0 | EC002498 - Accessories for low-voltage switch technology |

## Dimensions

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|---|---|
| Product Net Weight | 0.055 kg |

## Package Information

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|---|---|
| Package Level 1 Width | 46 mm |
| Package Level 1 Depth / Length | 46 mm |
| Package Level 1 EAN | 3471523130135 |
| Package Level 1 Units | box 1 piece |
| Package Level 2 Units | 192 piece |
| Package Level 3 Units | 4608 piece |
| Package Level 2 Gross Weight | 10.56 kg |

## Ordering

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|---|---|
| Minimum Order Quantity | 1 |