

Alternate Catalog No. CA4-31EK Catalog No. 1SBN010146R1031

Description: CA4-31EK Auxiliary Contact Block

UPC No 3471523131286

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..K 1 or 4-pole block, with instantaneous N.O., N.C. contacts Select the 4-pole auxiliary contact blocks CA4-..EK, CA4-..MK or CA4-..NK 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..K 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 push-in spring terminals protected against accidental direct contact and bear the corresponding function marking.



Representative Image

Descriptors

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

Specifications

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|---|---|
| Product Type | AF |
| Object Classification Code | K |
| Terminal Type | Push-in Spring 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 |
| 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 (24 / 127 V) 6 A (500 V) 2 A (690 V) 2 A (400 / 440 V) 3 A |
| Rated Frequency | Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz |
| Rated Short-time Withstand Current | for 0.1 s A for 1 s A |
| Maximum Electrical Switching Frequency | AC-15 1200 cycles per hour DC-13 900 cycles per hour |
| Rated Insulation Voltage | 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 |
| Rated Operational Current DC-13 | (125 V) 0.55 A / 69 W (24 V) 6 A / 144 W (250 V) 0.27 A / 68 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (220 V) 0.27 A / 60 W (400 V) 0.15 A / 60 W (500 V) 0.13 A / 65 W (600 V) 0.1 A / 60 W |
| Degree of Protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 |

by ABB

Specifications

| | |
|---------------------------------------|---|
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 1/2x 0.5 ... 2.5 m ² Flexible with Insulated Ferrule 1/2x 0.5 ... 1.5 m ² Flexible 1/2x 0.5 ... 2.5 m ² Rigid 1/2x 1 ... 2.5 m ² |
| 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 | 0.05kg |
| Product Net Width | 43 mm |
| Product Net Height | 45 mm |

Package Information

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|-----------------------|---------------|
| Package Level 1 EAN | 3471523131286 |
| Package Level 1 Units | box 1 piece |

Ordering

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