



Alternate Catalog No. CA4-22EK Catalog No. 1SBN010146R1022

Description: CA4-22EK Auxiliary Contact Block

UPC No 3471523131279

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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.

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

| Object Classification Code Terminal Type Push-in Spring Terminals Number of Auxiliary Contacts NO 2 RoHS Status Following EU Directive 2011/65/EU Rated Operational Voltage Auxiliary Circuit 24 690 V Number of Auxiliary Contacts NC 2 Conventional Free-air Thermal Current Conventional Free-air Thermal Current Ac-15 Rated Operational Current AC-15 Rated Operational Current AC-15 Rated Short-time Withstand Current For 0.1 s A Maximum Electrical Switching Frequency Rated Insulation Voltage Rated Insulation Voltage Rated Impulse Withstand Voltage Rated Operational Current DC-13 Rated Insulation Voltage Rated Rate Rate Rate Rate Rate Rate Rate Rate | Specifications | |
|---|---|--|
| Terminal Type | Product Type | AF |
| Number of Auxiliary Contacts NO 2 | Object Classification Code | K |
| RoHS Status Following EU Directive 2011/65/EU | Terminal Type | Push-in Spring Terminals |
| Rated Operational Voltage | Number of Auxiliary Contacts NO | 2 |
| Number of Auxiliary Contacts NC Conventional Free-air Thermal Current acc. to IEC 60947-5-1, q = 40 °C 16 A (220 / 240 V) 4 A (24 / 127 V) 6 A (500 V) 2 A (690 V) 2 A (400 / 440 V) 3 A Auxiliary Circuit 50 Hz Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz For 0.1 s A for 1 s A Maximum Electrical Switching Frequency Rated Insulation Voltage Acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V Maximum Mechanical Switching Frequency Secondary Rated Impulse Withstand Voltage 6 kV (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) 0.13 A / 65 W (500 V) 0.13 A / 65 W (600 V) 0.13 A / 65 W (600 V) 0.13 A / 65 W | RoHS Status | Following EU Directive 2011/65/EU |
| Conventional Free-air Thermal Current acc. to IEC 60947-5-1, q = 40 °C 16 A | Rated Operational Voltage | Auxiliary Circuit 24 690 V |
| (220 / 240 V) 4 A (24 / 127 V) 6 A (24 / 127 V) 6 A (690 V) 2 A (690 V) 2 A (690 V) 2 A (400 / 440 V) 3 A (400 / 440 V) 4 A (400 V) 6 A / 144 W (400 V) 6 A / 144 W (400 V) 6 A / 144 W (400 V) 6 A / 140 W (400 V) 6 A / 160 W (400 V) 6 A / 160 W (500 V) 6 A / 60 W (500 | Number of Auxiliary Contacts NC | 2 |
| Rated Operational Current AC-15 (24 / 127 V) 6 A (500 V) 2 A (690 V) 2 A (400 / 440 V) 3 A Rated Frequency Rated Short-time Withstand Current Maximum Electrical Switching Frequency Rated Insulation Voltage Maximum Mechanical Switching Frequency Secondary Rated Impulse Withstand Voltage Rated Operational Current DC-13 Rated Operational Current DC-13 (10 V) 0.55 A / 69 W (24 V) 6 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (220 V) 0.27 A / 60 W (500 V) 0.13 A / 65 W (600 V) 0.13 A / 65 W (600 V) 0.14 A / 60 W | Conventional Free-air Thermal Current | acc. to IEC 60947-5-1, q = 40 °C 16 A |
| Rated Short-time Withstand Current Rated Short-time Withstand Current Maximum Electrical Switching Frequency Rated Insulation Voltage Maximum Mechanical Switching Frequency Secondary Rated Impulse Withstand Voltage Rated Operational Current DC-13 AC-15 1200 cycles per hour Ac-16 60947-5-1 and VDE 0110 (Gr. C) 690 V Ac-16 609 Cycles per hour Ac-16 1200 cycles per hour Ac-15 1200 cycles per hour Ac-15 1200 cycles per hour Ac-16 0947-5-1 and VDE 0110 (Gr. C) 690 V Ac-16 0947-5-1 and VDE 0110 (Gr. C) 690 V Ac-15 1200 cycles per hour Ac-15 1200 cycles per hour Ac-15 1200 cycles per hour Ac-16 0947-5-1 and VDE 0110 (Gr. C) 690 V Ac-16 0947-5-1 and VDE 0110 (Gr. C) 690 V Ac-15 1200 cycles per hour Ac-16 0947-5-1 and VDE 0110 (Gr. C) 690 V Act of Insurance | Rated Operational Current AC-15 | (24 / 127 V) 6 A (500 V) 2 A (690 V) 2 A |
| Fasted Short-time Withstand Current For 1 s A | Rated Frequency | |
| DC-13 900 cycles per hour | Rated Short-time Withstand Current | |
| 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 (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 | Maximum Electrical Switching Frequency | |
| Secondary Rated Impulse Withstand Voltage 6 kV (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 | Rated Insulation Voltage | |
| (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 | Maximum Mechanical Switching Frequency | 3600 cycles per hour |
| (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 | Secondary Rated Impulse Withstand Voltage | 6 kV |
| | Rated Operational Current DC-13 | (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 |
| | Degree of Protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 |

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| Specifications | |
|---------------------------------------|---|
| 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 | |
| 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 | |
| Product Net Weight | 0.05kg |
| Product Net Width | 43 mm |
| Product Net Height | 45 mm |
| | |
| Package Information | |
| Package Level 1 EAN | 3471523131279 |
| Package Level 1 Units | box 1 piece |
| | |

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Minimum Order Quantity