

PRODUCT-DETAILS

CA4-31E

CA4-31E Auxiliary Contact Block



General Information

| | |
|-----------------------|--|
| Extended Product Type | CA4-31E |
| Product ID | 1SBN010140R1031 |
| EAN | 3471523130135 |
| Catalog Description | CA4-31E Auxiliary Contact Block |
| Long Description | CA4-31E is a 4-pole front mounted auxiliary contact block equipped with screw terminals. CA4-..E version offers terminal assortment matching the marking of 3-pole AF26(Z)(B)..96-30-00, AF40..96-30-11, AFC26..38-30-00, 4-pole AF09(Z)(B)..80-40-00 / AFC09..38-40-00 or AF09(Z)(B)..80-22-00 / AFC09..38-22-00 contactors. CA4-31E is available with 3 N.O. and 1 N.C. instantaneous contacts for standard industrial environments. |

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 | 43 mm |
| Product Net Depth / Length | 39.5 mm |
| Product Net Height | 43 mm |
| Product Net Weight | 0.055 kg |

Technical

| | |
|---|--|
| 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 | 3 NO, 1 NC |
| Mounting Type | Front mounting |
| Number of Auxiliary Contacts NC | 1 |
| Number of Auxiliary Contacts NO | 3 |
| Number of Poles | 4 |
| 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 AF16 AF16Z AF26 AF26Z AF30 AF30Z AF38 AF38Z AF40 AF52 AF65 AF80 AF96 |

AFC09
AFC16
AFC26
AFC30
AFC38
AF09B
AF09ZB
AF16B
AF16ZB
AF26B
AF26ZB
AF30B
AF30ZB
AF38B
AF38ZB
AF40B
AF52B
AF65B
AF80B
AF96B

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

Technical UL/CSA

| | |
|---|---|
| Connecting Capacity Auxiliary Circuit UL/CSA | Rigid Solid 1/2x 18-14 AWG 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, $\Theta = 40\text{ °C}$ 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

| | |
|-------------------------------------|--|
| ABS Certificate | ABS_20-2060694-PDA |
| BV Certificate | BV_2634H24900C0 |
| CB Certificate | CB_SE-93053 |
| CQC Certificate | CQC2011010304496319 CQC2013010304651497 |
| Declaration of Conformity - CCC | 2020980304001258 2020980304001259 |
| Declaration of Conformity - CE | 1SBD250007U1000 |
| Declaration of Conformity - UKCA | 1SBD250038U1000 |
| DNV Certificate | DNV_TAE00001BV-5 |
| EAC Certificate | EAC_RU C-FR ME77 B03391 |
| GOST Certificate | GOST_POCCFR.ME77.B07175.pdf |
| LR Certificate | LRS_LR2002723TA-02 |
| RINA Certificate | RINA_ELE084013XG |
| RMRS Certificate | RMRS_1802703280 |

UL Certificate

UL-US-L252354-131-82119002-6
UL-CA-L252354-331-82119002-5

UL Listing Card

UL_E252354

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 46 mm |
| Package Level 1 Depth / Length | 46 mm |
| Package Level 1 Height | 46 mm |
| Package Level 1 Gross Weight | 0.055 kg |
| Package Level 1 EAN | 3471523130135 |
| Package Level 2 Units | box 192 piece |
| Package Level 2 Gross Weight | 10.56 kg |
| Package Level 3 Units | 4608 piece |

Classifications

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|------------------------------------|------------------------------------|
| eClass | V11.0 : 27371302 |
| E-Number (Finland) | 3706512 |
| E-Number (Sweden) | 3211423 |
| 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



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