

## PRODUCT-DETAILS

# CA4-22E

## CA4-22E Auxiliary Contact Block



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CA4-22E                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product ID            | 1SBN010140R1022                                                                                                                                                                                                                                                                                                                                                                                                                        |
| EAN                   | 3471523130128                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Catalog Description   | CA4-22E Auxiliary Contact Block                                                                                                                                                                                                                                                                                                                                                                                                        |
| Long Description      | CA4-22E 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. CA4-22E is available with 2 N.O. and 2 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 <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup><br>Rigid Solid 1/2x 1 ... 2.5 mm <sup>2</sup><br>Rigid Stranded 1/2x 1 ... 2.5 mm <sup>2</sup> |
| Maximum Electrical Switching Frequency                            | (AC-15) 1200 cycles per hour<br>(DC-13) 900 cycles per hour                                                                                                                                                                                                                                  |
| Maximum Mechanical Switching Frequency                            | 3600 cycles per hour                                                                                                                                                                                                                                                                         |
| Mounted Auxiliary Contacts                                        | 2 NO, 2 NC                                                                                                                                                                                                                                                                                   |
| Mounting Type                                                     | Front mounting                                                                                                                                                                                                                                                                               |
| Number of Auxiliary Contacts NC                                   | 2                                                                                                                                                                                                                                                                                            |
| Number of Auxiliary Contacts NO                                   | 2                                                                                                                                                                                                                                                                                            |
| Number of Poles                                                   | 4                                                                                                                                                                                                                                                                                            |
| Rated Frequency (f)                                               | Auxiliary Circuit 50 / 60 Hz                                                                                                                                                                                                                                                                 |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 6 kV                                                                                                                                                                                                                                                                                         |
| Rated Insulation Voltage (U <sub>i</sub> )                        | acc. to IEC 60947-5-1 690 V<br>acc. to UL/CSA 600 V                                                                                                                                                                                                                                          |
| Rated Operational Current AC-15 (I <sub>e</sub> )                 | (500 V) 2 A<br>(690 V) 2 A<br>(24 / 127 V) 6 A<br>(220 / 240 V) 4 A<br>(400 / 440 V) 3 A                                                                                                                                                                                                     |
| Rated Operational Current DC-13 (I <sub>e</sub> )                 | (24 V) 6 A / 144 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>(125 V) 0.55 A / 69 W<br>(220 V) 0.27 A / 60 W<br>(250 V) 0.27 A / 68 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                                                |
| Rated Operational Voltage                                         | Auxiliary Circuit 690 V                                                                                                                                                                                                                                                                      |
| Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 0.1 s 140 A<br>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<br>AF09Z<br>AF16<br>AF16Z<br>AF26<br>AF26Z<br>AF30<br>AF30Z<br>AF38<br>AF38Z<br>AF40<br>AF52<br>AF65<br>AF80<br>AF96                                                                                                                                                                    |

AFC09  
AFC16  
AFC26  
AFC30  
AFC38  
AF09B  
AF09ZB  
AF16B  
AF16ZB  
AF26B  
AF26ZB  
AF30B  
AF30ZB  
AF38B  
AF38ZB

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

## Environmental

|                                                       |                                                                   |
|-------------------------------------------------------|-------------------------------------------------------------------|
| Conventional Free-air<br>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 (Document Number)

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| ABS Certificate                     | ABS_20-2060694-PDA                         |
| BV Certificate                      | BV_2634H24900C0                            |
| CB Certificate                      | CB_SE-93053                                |
| CQC Certificate                     | CQC2011010304496319<br>CQC2013010304651497 |
| Declaration of Conformity<br>- CCC  | 2020980304001258<br>2020980304001259       |
| Declaration of Conformity<br>- CE   | 1SBD250007U1000                            |
| Declaration of Conformity<br>- 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           | 1SBD250143E1000                            |
| 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<br>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            | 3471523130128 |
| Package Level 2 Units          | box 192 piece |
| Package Level 2 Gross Weight   | 10.56 kg      |
| Package Level 3 Units          | 4608 piece    |

## Classifications

|                                    |                                    |
|------------------------------------|------------------------------------|
| eClass                             | V11.0 : 27371302                   |
| E-Number (Finland)                 | 3706511                            |
| E-Number (Sweden)                  | 3211419                            |
| 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

