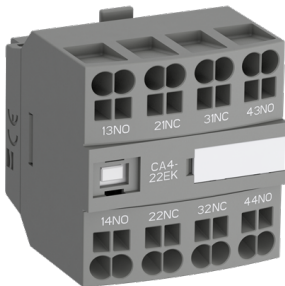




PRODUCT-DETAILS

# CA4-22NK

## CA4-22NK Auxiliary Contact Block



| General Information               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type             | CA4-22NK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product ID                        | 1SBN010146R1222                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| EAN                               | 3471523131347                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Catalog Description               | CA4-22NK Auxiliary Contact Block                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Long Description                  | CA4-22NK is a 4-pole front mounted auxiliary contact block equipped with Push-In Spring terminals. CA4-..N version offers terminal assortment matching the marking of 4-pole NF(C) (Z)(B)..K contactor relays. CA4-22NK is available with 2 N.O. and 2 N.C. instantaneous contacts for standard industrial environments. With the Push-in Spring terminals, one push is all you need for a faster than ever installation, an easier than ever wiring and a reliable as ever connection. |
| Ordering                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Minimum Order Quantity            | 1 piece                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Customs Tariff Number             | 85389099                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Popular Downloads                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Data Sheet, Technical Information | 1SBC100214C0202                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SBC101054M6801 |
| CAD Dimensional Drawing  | 2CDC001079B0201 |

Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 43 mm   |
| Product Net Depth / Length | 39.5 mm |
| Product Net Height         | 45 mm   |
| Product Net Weight         | 0.05 kg |

Technical

|                                                                   |                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of Auxiliary Contacts NO                                   | 2                                                                                                                                                                                                                                             |
| Number of Auxiliary Contacts NC                                   | 2                                                                                                                                                                                                                                             |
| Number of Poles                                                   | 4P                                                                                                                                                                                                                                            |
| Standards                                                         | IEC/EN 60947-5-1, UL 60947-5-1, CSA C22.2 No. 60947-5-1-14                                                                                                                                                                                    |
| Rated Operational Voltage                                         | Auxiliary Circuit 690 V                                                                                                                                                                                                                       |
| Rated Frequency (f)                                               | Auxiliary Circuit 50 / 60 Hz                                                                                                                                                                                                                  |
| Conventional Free-air Thermal Current (I <sub>th</sub> )          | acc. to IEC 60947-5-1, Θ = 40 °C 16 A                                                                                                                                                                                                         |
| 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 Short-time Withstand Current Low Voltage (I <sub>cw</sub> ) | for 0.1 s 140 A<br>for 1 s 100 A                                                                                                                                                                                                              |
| Rated Insulation Voltage (U <sub>i</sub> )                        | acc. to IEC 60947-5-1 690 V<br>acc. to UL/CSA 600 V                                                                                                                                                                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )               | 6 kV                                                                                                                                                                                                                                          |
| 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                                                                                                                                                                                                                          |
| Connecting Capacity Auxiliary Circuit                             | Flexible with Ferrule 1/2x 0.5 ... 2.5 mm²<br>Flexible with Insulated Ferrule 1/2x 0.5 ... 1.5 mm²<br>Flexible 1/2x 0.5 ... 2.5 mm²<br>Rigid Solid 1/2x 1 ... 2.5 mm²                                                                         |
| Wire Stripping Length                                             | Auxiliary Circuit 10 mm                                                                                                                                                                                                                       |
| Degree of Protection                                              | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20                                                                                                                                                                             |
| Terminal Type                                                     | Push-in Spring Terminals                                                                                                                                                                                                                      |
| Suitable For                                                      | NF22E<br>NFZ22E<br>NF31E<br>NFZ31E<br>NF40E<br>NFZ40E<br>NFC22E<br>NFC31E<br>NFC40E                                                                                                                                                           |

|              |                         |
|--------------|-------------------------|
|              | NFZB22E                 |
|              | NFB22E                  |
|              | NFZB31E                 |
|              | NFB31E                  |
|              | NFZB40E                 |
|              | NFB40E                  |
| Product Name | Auxiliary Contact Block |

Technical UL/CSA

|                          |                            |
|--------------------------|----------------------------|
| Connecting Capacity      | Rigid Solid 1/2x 18-14 AWG |
| Auxiliary Circuit UL/CSA |                            |

Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                        |
| REACH Declaration                           | 2CMT2021-006202                                                        |
| RoHS Information                            | 2CMT2021-006277                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| 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                                           |
| CB Certificate                   | CB_SE-112440                                                 |
| CCC Certificate                  | CCC_2024010305648906                                         |
| Declaration of Conformity - CCC  | 2020980304001258<br>2020980304001259                         |
| Declaration of Conformity - CE   | 1SBD250007U1000                                              |
| Declaration of Conformity - UKCA | 1SBD250038U1000                                              |
| DNV Certificate                  | DNV_TAE00001BV-5                                             |
| LR Certificate                   | LRS_LR23403517TA-02                                          |
| RMRS Certificate                 | RMRS_1802703280                                              |
| UL Certificate                   | UL-US-L252354-131-82119002-6<br>UL-CA-L252354-331-82119002-5 |

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   | 0.05 kg       |
| Package Level 1 EAN            | 3471523131347 |

Classifications

|                            |                                    |
|----------------------------|------------------------------------|
| Object Classification Code | K                                  |
| ETIM 7                     | EC000041 - Auxiliary contact block |
| ETIM 8                     | EC000041 - Auxiliary contact block |
| ETIM 9                     | EC000041 - Auxiliary contact block |
| eClass                     | V11.0 : 27371302                   |

|                                    |                                 |
|------------------------------------|---------------------------------|
| UNSPSC                             | 39121522                        |
| IDEA Granular Category Code (IGCC) | 4743 >> Auxiliary contact block |
| E-Number (Finland)                 | 3708038                         |
| E-Number (Sweden)                  | 3210657                         |

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors

