PRODUCT-DETAILS

# CA5-10

## CA5-10 Auxiliary Contact Block




### General Information

| | |
|---|---|
| Extended Product Type | CA5-10 |
| Product ID | 1SBN010010R1010 |
| ABB Type Designation | CA 5-10 |
| EAN | 3471522121004 |
| Catalog Description | CA5-10 Auxiliary Contact Block |
| Long Description | CA5-10 is a 1-pole front mounted auxiliary contact block equipped with screw terminals and can be fitted on A serie contactors and N serie contactor relays. CA5-10 is available with 1 N.O. instantaneous contacts for standard industrial environments. |

### Ordering

| | |
|---|---|
| Minimum Order Quantity | 10 piece |
| Customs Tariff Number | 85389099 |

### Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SBC100214C0202 |

© 2025 ABB. All rights reserved.

| | |
|---|---|
| Instructions and Manuals | 1SBC101012M5501 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

## Dimensions

| | |
|---|---|
| Product Net Width | 11 mm |
| Product Net Depth / Length | 32.5 mm |
| Product Net Height | 47 mm |
| Product Net Weight | 0.012 kg |

## Technical

| | |
|---|---|
| Number of Auxiliary Contacts NO | 1 |
| Number of Auxiliary Contacts NC | 0 |
| Number of Poles | 1P |
| Rated Operational Voltage | Auxiliary Circuit 690 V |
| Rated Frequency (f) | Auxiliary Circuit 50 / 60 Hz |
| Rated Operational Current AC-15 ($I_e$) | (500 V) 2 A<br>(690 V) 2 A<br>(24 / 127 V) 6 A<br>(220 / 240 V) 4 A<br>(380 / 400 V) 3 A |
| Rated Operational Current DC-13 ($I_e$) | (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) 0.30 A / 66 W<br>(250 V) 0.3 / 75 W |
| Short-Circuit Protective Devices | Auxiliary Circuit - gG Type Fuses 10 A |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 0.1 s 140 A<br>for 1 s 100 A |
| Rated Insulation Voltage ($U_i$) | acc. to IEC 60947-5-1 690 V<br>acc. to UL/CSA 600 V |
| Maximum Electrical Switching Frequency | 1200 cycles per hour |
| Mechanical Durability | 10 million<br>3 million |
| Maximum Mechanical Switching Frequency | 3600 cycles per hour |
| Minimum Switching Capacity | A9 ... A75 17 / 5 VLT4K<br>A95 ... A110 24 / 50 VLT4K |
| Power Loss | at Rated Operating Conditions per Pole 0.1 W |
| Degree of Protection | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 |
| Terminal Type | Screw Terminals |
| Suitable For | AF45<br>AF50<br>AF63<br>AF75<br>AF95B<br>GAF75<br>A9 |

© 2025 ABB. All rights reserved.

| | |
|---|---|
| | A12 |
| | A16 |
| | A26 |
| | A30 |
| | A40 |
| | A45 |
| | A50 |
| | A63 |
| | A75 |
| | A95 |
| | A110 |
| | AL9 |
| | AL9Z |
| | AL12 |
| | AL12Z |
| | AL16 |
| | AL16Z |
| | AL26 |
| | AL30 |
| | AL40 |
| | AE45 |
| | AE50 |
| | AE63 |
| | AE75 |
| | TAL9 |
| | TAL12 |
| | TAL16 |
| | TAL26 |
| | TAL30 |
| | TAL40 |
| | TAE45 |
| | TAE50 |
| | TAE75 |
| | GA75 |
| | GAE75 |
| | UA16 |
| | UA26 |
| | UA30 |
| | UA50 |
| | UA63 |
| | UA75 |
| | UA95 |
| | UA110 |
| | UA16RA |
| | UA26RA |
| | UA30RA |
| | UA50RA |
| | UA63RA |
| | UA75RA |
| | UA95RA |
| | UA110RA |
| | UAF75RA |
| | UAF95RA |
| | UAF110RA |
| | N22E |
| | N31E |
| | N40E |
| | NL22E |
| | NLZ22E |
| | NL31E |
| | NLZ31E |
| | NL40E |
| | NLZ40E |
| | TNL22E |
| | TNL31E |
| | TNL40E |
| Product Name | Auxiliary Contact Block |
| Remarks | 100 |

© 2025 ABB. All rights reserved.

## 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

| | |
|---|---|
| CB Certificate | CB_SE_30112 |
| CCC Certificate | CCC_2013010304604041<br>CCC_2004010305133985 |
| CQC Certificate | CQC2013010304604041<br>CQC2004010305133985 |
| CSA Certificate | CSA_1033838 |
| Declaration of Conformity - CCC | 2020980304001626<br>2020980305001185 |
| Declaration of Conformity - CE | 1SBD250809U1000 |
| Declaration of Conformity - UKCA | 1SBD250826U1000 |
| DNV GL Certificate | DNV_GL_TAE00001UT |
| EAC Certificate | EAC_RU C-FR ME77 B03391 |
| GOST Certificate | GOST_POCCFRME77B07175 |
| RINA Certificate | RINA_ELE172319XG001 |
| UL Certificate | UL_071301E48139 |

## Container Information

| | |
|---|---|
| Package Level 1 Units | bag 10 piece |
| Package Level 1 Width | 65 mm |
| Package Level 1 Depth / Length | 129.5 mm |
| Package Level 1 Height | 9.5 mm |
| Package Level 1 Gross Weight | 0.143 kg |
| Package Level 1 EAN | 3471522121004 |
| Package Level 2 Units | box 1000 piece |
| Package Level 2 Width | 300 mm |
| Package Level 2 Depth / Length | 245 mm |
| Package Level 2 Height | 308 mm |
| Package Level 2 Gross Weight | 14.3 kg |
| Package Level 3 Units | 12000 piece |

## External Classifications and Standards

| | |
|---|---|
| Object Classification Code | K |
| ETIM 7 | EC000041 - Auxiliary contact block |
| ETIM 8 | EC000041 - Auxiliary contact block |

© 2025 ABB. All rights reserved.

| | |
|---|---|
| ETIM 9 | EC000041 - Auxiliary contact block |
| eClass | V11.0 : 27371302 |
| UNSPSC | 39121522 |
| IDEA Granular Category Code (IGCC) | 4743 >> Auxiliary contact block |
| E-Number (Finland) | 3709186 |

## Where Used (as a spare part for "Products")

| Identifier | Description | Quantity | Unit Of Measure |
|---|---|---|---|
| 3HAC020536-014 | No Description Available | 1 | piece |

## Product specific part data

| Product | Robot Design Year | Robotics Part Category |
|---|---|---|
| 3HAC020536-014 | IRC5 M2004 | Drive Module |

## Categories

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

Robotics → Controllers → IRC5 → IRC5 Single

Robotics → Service → Spares and Consumables




© 2025 ABB. All rights reserved.