PRODUCT-DETAILS

# MCB-01

## MCB-01 Contact Block



### General Information

| | |
|---|---|
| Extended Product Type | MCB-01 |
| Product ID | 1SFA611610R1010 |
| EAN | 7320500544341 |
| Catalog Description | MCB-01 Contact Block |
| Long Description | The MCB-01 Contact Block is: - Non-illuminated - Single contact block - Front mounting - silver (Ag) - 0 NO - 1NC - 690 V<br>This Contact Block is part of ABB's modular plastic range, the most versatile range with a high level of flexibility and market-leading electrical ratings. Engineered for total reliability, longer lifetime, and highest mechanical durability. Self-cleaning contacts ensure reliable operation without the need for maintenance, increasing uptime. A high degree of protection guarantees reliability in extreme environments. The innovative design simplifies the entire process, from selection to easy and quick, tool-free installation. The perfect solution for every application. |

### Ordering

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|---|---|
| Minimum Order Quantity | 10 piece |
| Customs Tariff Number | 8536901000 |

### Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 1SFC151007C02__ |
| Instructions and Manuals | 1SFC151011M0201 |

## Dimensions

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|---|---|
| Product Net Width | 0.01 m |
| Product Net Height | 0.044 m |
| Product Net Depth / Length | 0.028 m |
| Product Net Weight | 0.04 kg |

## Technical

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|---|---|
| Ambient Air Temperature | Operation -25 ... +70 °C<br>Storage -40 ... +85 °C |
| Illumination | Non-illuminated |
| Function | Without holder |
| Mounting Type | Front mounting |
| Number of Auxiliary Contacts NC | 1 |
| Number of Auxiliary Contacts NO | 0 |
| Degree of Protection | Terminals IP20 |
| Pollution Degree | 3 |
| Rated Insulation Voltage ($U_i$) | 690 V |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 6 kV |
| Rated Frequency (f) | 50 / 60 Hz |
| Rated Operational Voltage | Maximum 690 V |
| Rated Operational Current DC-13 ($I_e$) | (24 V) 5 A<br>(125 V) 0.55 A |
| Rated Operational Current AC-15 ($I_e$) | (230 V AC) 6 A |
| Power Loss | Maximum 2.5 W |
| Mechanical Durability | 10 million |
| Connecting Capacity | Flexible with Ferrule 1 x 0.75...2.5 mm²<br>Flexible with Ferrule 2 x 0.75...2.5 mm²<br>Flexible with Insulated Ferrule 1 x 0.75...2.5 mm²<br>Flexible with Insulated Ferrule 2 x 0.75...2.5 mm²<br>Flexible 1 x 0.75 ... 2.5 mm²<br>Flexible 2 x 0.75 ... 2.5 mm²<br>Solid 1 x 0.75...2.5 mm²<br>Solid 2 x 0.75...2.5 mm² |
| Connection Type | Screw Clamp |
| Terminal Type | Screw Terminals |
| Tightening Torque | 0.9 N·m |
| Wire Stripping Length | 8 mm |
| Suitable For | MP1<br>MP2<br>MP3<br>MP4<br>MPD1<br>MPD2<br>MPD3<br>MPD4<br>MPD5<br>MPD11<br>MPD12<br>MPD13<br>MPD14<br>MPD15<br>MPD16<br>MPM1<br>MPM2<br>KP6 |

| | |
|---|---|
| | MPET3<br>MPEP3<br>MPEK3<br>MPET4<br>MPEP4<br>MPEK4<br>MPMT3<br>MPMT4<br>MPMP3<br>MPMP4<br>M2SS1<br>M2SS2<br>M2SS3<br>M2SS4<br>M2SS5<br>M2SS6<br>M3SS1<br>M3SS2<br>M3SS3<br>M3SS4<br>M3SS5<br>M3SS6<br>M3SS7<br>M3SS8<br>M3SSC1<br>M3SSC2<br>M3SSC3<br>M3SSC4<br>M3SSC5<br>M3SSC6<br>M3SSC7<br>M3SSC8<br>M2SSK1<br>M2SSK2<br>M2SSK3<br>M3SSK1<br>M3SSK2<br>M3SSK3<br>MTS1<br>MTS2<br>MTS3<br>MJS1<br>MJS2<br>MJS5<br>MJS6<br>MJS7<br>MJS8<br>MJS11<br>MJS12 |
| Suitable for Product Class | Pilot Devices |

## Technical UL/CSA

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|---|---|
| Connecting Capacity | 1x 18...14 AWG |
| UL/CSA | 2x 18...14 AWG |

## Environmental

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|---|---|
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date | 0635 4 |
| RoHS Information | 2CMT2015-005452 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| CB Certificate | SEMKO_SE30016M2 |

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|---|---|
| CQC Certificate | CQC2005010304154103 |
| cULus Certificate | UL-E76003-20140513 |
| Declaration of Conformity - CCC | 2020980305001528 |
| Declaration of Conformity - CE | 2CMT2015-005452 |
| DNV GL Certificate | E-14107 |
| EAC Certificate | RU C-CN.ME77.B.01927 |
| Environmental Information | 1SAC200074H0001 |
| Instructions and Manuals | 1SFC151011M0201 |
| RoHS Information | 2CMT2015-005452 |

## Container Information

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|---|---|
| Package Level 1 Units | bag 10 piece |
| Package Level 1 Width | 0.11 m |
| Package Level 1 Depth / Length | 0.15 m |
| Package Level 1 Height | 0.01 m |
| Package Level 1 Gross Weight | 0.4 kg |
| Package Level 1 EAN | 7320500307762 |

## Classifications

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|---|---|
| Object Classification Code | S |
| ETIM 6 | EC000041 - Auxiliary contact block |
| ETIM 7 | EC000041 - Auxiliary contact block |
| ETIM 8 | EC000041 - Auxiliary contact block |
| eClass | V11.0 : 27371302 |
| UNSPSC | 39121500 |
| E-Number (Finland) | 2315704 |
| E-Number (Norway) | 4373186 |
| E-Number (Sweden) | 3714006 |

## Categories

Low Voltage Products and Systems → Control Products → Pilot Devices → Modular Plastic Range

Robotics → Service → Spares and Consumables







