

PRODUCT-DETAILS

# MCB-10

## MCB-10 Contact Block



### General Information

Extended Product Type	MCB-10
Product ID	1SFA611610R1001
EAN	7320500544327
Catalog Description	MCB-10 Contact Block

Long Description	<p>The MCB-10 Contact Block is: Without holder - Non-illuminated - Single contact block - Front mounting - silver (Ag) - 1 NO - 0NC - 690 V</p> <p>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.</p>
------------------	---

### Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	8536901000

### Popular Downloads

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

## Dimensions

Product Net Width	0.01 m
Product Net Height	0.044 m
Product Net Depth / Length	0.028 m
Product Net Weight	0.013 kg

## Technical

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

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

---

Suitable for Product Class	Pilot Devices
----------------------------	---------------

---



---

**Technical UL/CSA**

---

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

---



---

**Environmental**

---

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
----------------	-----------------

CQC Certificate	CQC2005010304154103
cULus Certificate	UL-E76003-20140513
Declaration of Conformity - CCC	2020980305001528
Declaration of Conformity - CE	2CMT2015-005452
DNV GL Certificate	E-14107
Environmental Information	1SAC200074H0001
Instructions and Manuals	1SFC151011M0201
RoHS Information	2CMT2015-005452

### Container Information

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	0.13 kg
Package Level 1 EAN	7320500307748

### Classifications

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)	2315702
E-Number (Norway)	4373185
E-Number (Sweden)	3714005

### Categories

Low Voltage Products and Systems → Control Products → Pilot Devices → Modular Plastic Range  
 Robotics → Service → Spares and Consumables



