



PRODUCT-DETAILS

MCB-01

MCB-01 Contact Block



360°

General Information

Extended Product Type	MCB-01
Product ID	1SFA611610R1010
EAN	7320500544341
Catalog Description	MCB-01 Contact Block

The MCB-01 Contact Block is: - Non-illuminated - Single contact block - Front mounting - silver (Ag) - 0 NO - 1NC - 690 V

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

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	0.04 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	1
Number of Auxiliary Contacts NO	0
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 (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 mm ² Flexible with Ferrule 2 x 0.75...2.5 mm ² Flexible with Insulated Ferrule 1 x 0.75...2.5 mm ² Flexible with Insulated Ferrule 2 x 0.75...2.5 mm ² Flexible 1 x 0.75 ... 2.5 mm ² Flexible 2 x 0.75 ... 2.5 mm ² Solid 1 x 0.75...2.5 mm ² Solid 2 x 0.75...2.5 mm ²
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
UL/CSA

1x 18...14 AWG
2x 18...14 AWG

Environmental

Degree of Protection	Terminals IP20
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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2022-006479
RoHS Information	2CMT2022-006498
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006523
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

CB Certificate	SEMKO_SE30016M2
CQC Certificate	CQC2005010304154103
cULus Certificate	UL-E76003-20140513
Declaration of Conformity - CCC	2020980305001528
Declaration of Conformity - CE	2CMT2015-005452
Declaration of Conformity - UKCA	2CMT2020-006121
DNV GL Certificate	E-14107

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	0.4 kg
Package Level 1 EAN	7320500307762

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	39122221
IDEA Granular Category Code (IGCC)	5219 >> Switch part or accessory
E-Number (Finland)	2315704
E-Number (Norway)	4373186

Categories

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

Low Voltage Products and Systems → Low Voltage Systems → IEC - Low Voltage Motor Control Centers → MNS 3.0 - MCC

Low Voltage Products and Systems → Service → Spares and Consumables → Parts

Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)

Robotics → Service → Spares and Consumables

