



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
Long Description:	<p>The MCB-01 Contact Block is: - Non-illuminated - Single contact block - Front mounting - silver (Ag) - 0 NO - 1NC - 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>
Display Name:	MCB-01

Ordering

Minimum Order Quantity:	10 piece
Customs Tariff Number:	8536508000

Popular Downloads

Data Sheet, Technical Information:	1SFC151007C02__
Instructions and Manuals:	1SFC151011M0201
Marketing Video:	1SFC151037V0001

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
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 (120 V) 8 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

Material Compliance

Conflict Minerals Reporting Template (CMRT): 9AKK108467A5658

REACH Declaration: 2CMT2022-006479

RoHS Declaration: 2CMT2022-006498

RoHS Information: 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: 0.13 kg

Package Level 1 EAN: 7320500307762

External Classifications and Standards

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
E-Number (Sweden):	3714006

Categories

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

Parts & Services > Low Voltage Products and Systems > Low Voltage Systems > IEC - Low Voltage Motor Control Centers > MNS 3.0 MCC

Parts & Services > Low Voltage Products and Systems > Service > Spares and Consumables > Parts

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

