



PRODUCT-DETAILS

MCB-01B

MCB-01B Contact Block



General Information	
Extended Product Type	MCB-01B
Product ID	1SFA611610R2010
EAN	7320500544440
Catalog Description	MCB-01B Contact Block
Long Description	The MCB-01B Contact Block is: - Non-illuminated - Single contact block - Rear 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	
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Subject to change without notice	

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	Rear 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 _θ)	(24 V) 5 A (125 V) 0.55 A
Rated Operational Current AC-15 (I _θ)	(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 Flexible with Ferrule 2 x 0.75...2.5 mm² Flexible with Insulated Ferrule 1 x 0.75...2.5 mm² Flexible with Insulated Ferrule 2 x 0.75...2.5 mm² Flexible 1 x 0.75 ... 2.5 mm² Flexible 2 x 0.75 ... 2.5 mm² Solid 1 x 0.75...2.5 mm² 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 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 ClassPilot Devices

Technical UL/CSA

Connecting Capacity1x 18...14 AWG
UL/CSA2x 18...14 AWG

Environmental

Degree of ProtectionTerminals IP20

Material Compliance

Conflict Minerals9AKK108467A5658
Reporting Template
(CMRT)
REACH Declaration2CMT2022-006479
RoHS Information2CMT2022-006498
RoHS StatusFollowing EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control2CMT2023-006523

Act - TSCA	
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	7320500307830

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	39121522
IDEA Granular Category Code (IGCC)	4743 >> Auxiliary contact block
E-Number (Finland)	2315712
E-Number (Norway)	4373051
E-Number (Sweden)	3717121

Categories

Low Voltage Products and Systems → Control Products → Pilot Devices → Modular Plastic Range
Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)

