PRODUCT-DETAILS

MCB-20

MCB-20 Contact Block



General Information

Extended Product Type	MCB-20
Product ID	1SFA611610R1002
EAN	7320500544334
Catalog Description	MCB-20 Contact Block
Long Description	The MCB-20 Contact Block is: With 3-position holder - Non-illuminated - Double contact block - Front mounting - silver (Ag) - 2 NO - 0NC - 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

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Popular Downloads

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

Dimensions

Product Net Width	0.02 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	0
Number of Auxiliary Contacts NO	2
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) 0.27 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 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

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	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

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Environmental

Degree of Protection	Terminals IP20

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	0.02 m
Package Level 1 Gross Weight	0.4 kg
Package Level 1 EAN	7320500307755

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)	2339082
E-Number (Norway)	4372990

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E-Number (Sweden)	3714015

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)



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