



PRODUCT-DETAILS

# MCBH-12

## MCBH-12 Contact Block



360°

General Information

Extended Product Type	MCBH-12
Product ID	1SFA611605R1121
EAN	7320500307540
Catalog Description	MCBH-12 Contact Block

Long Description	The MCBH-12 Contact Block is: Maintained - Non-illuminated - Single contact block - Front mounting - silver (Ag) - 1 NO - 2NC - 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	8536508090

Popular Downloads

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

Dimensions

Product Net Width	0.03 m
Product Net Height	0.048 m
Product Net Depth / Length	0.036 m
Product Net Weight	0.063 kg

Technical

Ambient Air Temperature	Operation -25 ... +70 °C Storage -40 ... +85 °C
Illumination	Non-illuminated
Function	With 3-position holder
Mounting Type	Front mounting
Number of Auxiliary Contacts NC	2
Number of Auxiliary Contacts NO	1
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>θ</sub> )	(24 V) 5 A (125 V) 0.55 A
Rated Operational Current AC-15 (I <sub>θ</sub> )	(230 V AC) 6 A
Power Loss	Maximum 7.5 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 Class Pilot Devices

Technical UL/CSA

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

Environmental

Degree of Protection Terminals IP20

Material Compliance

Conflict Minerals 9AKK108467A5658  
Reporting Template (CMRT)  
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 2CMT2023-006523

Act - TSCA

WEEE B2C / B2B

Business To Business

WEEE Category5. Small Equipment (No External Dimension More Than 50 cm)

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## Certificates and Declarations

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

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## Container Information

Package Level 1 Units	bag 1 piece
Package Level 1 Width	0.11 m
Package Level 1 Depth / Length	0.15 m
Package Level 1 Height	0.03 m
Package Level 1 Gross Weight	0.063 kg
Package Level 1 EAN	7320500307540

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## 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)	2339076
E-Number (Sweden)	3714027

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## Categories

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

