

PRODUCT-DETAILS

# BMS411C10

## BMS411C10 Miniature Circuit Breaker



### General Information

Extended Product Type	BMS411C10
Product ID	2CDS641041R0104
EAN	4016779046084
Catalog Description	BMS411C10 Miniature Circuit Breaker
Long Description	The basic M MCB series protects installations against overloads and short-circuits, guaranteeing reliability and safety of operations. ABB basic M series satisfies most common requirements in terms of MCBs, allowing the usage of different pole configurations, characteristics and rated currents for residential and commercial applications. This product is manufactured according to international IEC standards.

### Technical

Standards	IEC 60898-1
Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 230 V acc. to IEC 60947-2 440 V
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	10 A

Rated Short-Circuit Capacity	(AC) 4.5 kA (230 / 400 V AC) 4.5 kA (230 V) 4.5 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 2.1 W
Energy Limiting Class	3
Electrical Endurance	4000 AC cycle
Mechanical Endurance	10000 cycle
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Tightening Torque	2 N·m
Actuator Type	Toggle
Actuator Marking	I / O
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Connecting Capacity	Flexible 1 ... 16 mm <sup>2</sup> Rigid 1 ... 25 mm <sup>2</sup>
Wire Stripping Length	12.5 mm

## Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	2CDK400667D0201
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	1
Product Net Width	17.5 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	93 g
Built-In Depth (t <sub>2</sub> )	69 mm

## Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	12 piece
Package Level 1 Gross Weight	1.293 kg

## Certificates and Declarations

Declaration of Conformity - CE	2CDK400666D2701
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## Installation

Instructions and  
Manuals

No document needed

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## Popular Downloads

Data Sheet, Technical  
Information

9AKK107045A1496

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## Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers

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## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Basic M System → Miniature Circuit Breakers MCBs

