

PRODUCT-DETAILS

BMS311B50

BMS311B50 Miniature Circuit Breaker



General Information

Extended Product Type	BMS311B50
Product ID	2CDS631031R0505
EAN	4016779043724
Catalog Description	BMS311B50 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
Product Name	Miniature Circuit Breaker
Tripping Characteristic	B
Rated Operational Voltage	acc. to IEC 60898-1 230 / 400 V AC acc. to IEC 60947-2 440 V
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Input Voltage Type	AC
Rated Current (I _n)	50 A
Rated Short-Circuit	(230 / 400 V AC) 3 kA

Capacity (I _{cn})	
Rated Frequency (f)	50 / 60 Hz
Energy Limiting Class	3
Electrical Endurance	4000 AC cycle
	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...25 mm ² Rigid 1...35 mm ²
Wire Stripping Length	12.5 mm

Environmental

Ambient Air Temperature	Operation -5 ... +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

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 ₂)	69 mm

Container Information

Package Level 1 Units	12 piece
Package Level 1 Width	92 mm
Package Level 1 Height	80 mm
Package Level 1 Depth / Length	220 mm
Package Level 1 Gross Weight	1.293 kg
Package Level 1 EAN	4016779043731
Package Level 2 Units	96 piece
Package Level 2 Width	183 mm
Package Level 2 Height	164 mm
Package Level 2 Depth / Length	445 mm
Package Level 2 Gross Weight	10.344 kg
Package Level 2 EAN	4016779052498

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Country of Origin	Bulgaria (BG)
Selling Unit	piece