

# BMR415C40



BMR415C40 RCBO, 1P+N, AC, C-Char., 4.5kA, 40A, 0.03A

## General Information

Extended Product Type	BMR415C40
Product ID	2CSR645041R1404
EAN	8012542191537
Catalog Description	BMR415C40 RCBO, 1P+N, AC, C-Char., 4.5kA, 40A, 0.03A
Long Description	<p>The basic M RCBO is a 1P+N in two-modules device for the protection of end user single-phase circuits against overload and short-circuit currents.</p> <p>Protection against fault current to earth.</p> <p>Protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA).</p> <p>This product is manufactured according to international IEC standards.</p>

## Ordering

EAN	8012542191537
Minimum Order Quantity	1 piece
Customs Tariff Number	85363030

## Dimensions

Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.190 kg

## Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	0.047 m
Package Level 1 Height	0.078 m
Package Level 1 Depth / Length	0.103 m
Package Level 1 Gross Weight	0.210 kg
Package Level 1 EAN	8012542191537
Package Level 2 Units	5 piece
Package Level 2 Width	0.253 m
Package Level 2 Height	0.088 m
Package Level 2 Depth / Length	0.108 m
Package Level 2 Gross Weight	1.050 kg

Package Level 2 EAN

8012542191544

---

**Environmental**

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
-------------------------	--

---



---

**Technical UL/CSA**

Short-Circuit Current Rating (SCCR)	0.03 A
-------------------------------------	--------

---



---

**Additional Information**

Actuator Type	Toggle
Ambient Temperature	-25...55 °C
Connecting Capacity	Flexible 16 mm <sup>2</sup> Rigid 25 mm <sup>2</sup>
Degree of Protection	IP40
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	1
Overvoltage Category	III
Pollution Degree	2
Product Main Type	Basic M BMR
Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Rated Current (I <sub>n</sub> )	40 A
Rated Frequency (f)	50 Hz
Rated Residual Current	30 mA
Rated Voltage (U <sub>r</sub> )	230 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Rated Insulation Voltage (U <sub>i</sub> )	500 V
Rated Operational Voltage	230 V AC
Rated Short-Circuit Capacity (I <sub>cn</sub> )	4.5 kA
Recommended Screw Driver	Pozidriv 2
Release Type	C
Standards	IEC 61009-1
Tightening Torque	2 N·m
Tripping Characteristic	C
Type of Residual Current	AC Type
Wire Stripping Length	12.5 mm

---



---

**Certificates and Declarations (Document Number)**

Data Sheet, Technical Information	9AKK107045A1496
Declaration of Conformity - CE	2CSC422004D2701
Instructions and Manuals	on the product body

---



---

**Classifications**

BMR415C40

3

---

ETIM 6	EC000905 - Earth leakage circuit breaker
ETIM 7	EC000905 - Earth leakage circuit breaker
Object Classification Code	Q
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

---

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Basic M System → Residual Current Devices RCDs

