



PRODUCT-DETAILS

BMF62440**BMF62440 Residual Current Circuit Breaker****General Information**

Extended Product Type	BMF62440
Product ID	2CSF604062R2400
EAN	8012542195030
Catalog Description	BMF62440 Residual Current Circuit Breaker
Long Description	The basic M RCCB series assures protection to people and installations against fault current to earth. Protection against indirect contacts and additional protection against direct contacts. This product is manufactured according to international IEC standards.

Technical

Standards	IEC 61008-1
Type of Residual Current	Type AC
Rated Voltage (U_r)	400 V
Rated Operational Voltage	240/415 V AC
Rated Insulation Voltage (U_i)	250 V
Rated Impulse	4 kV

Withstand Voltage (U_{imp})

Rated Current (I_n)	40 A
Rated Residual Current	100 mA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	0.5 kA
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
Rated Frequency (f)	50 ... 60 Hz
Power Loss	12.8 W
Electrical Endurance	2000AC cycle
Mechanical Endurance	5000 cycle
Number of Protected Poles	4
Number of Poles	4
Operating Characteristic	Instantaneous
Tightening Torque	2 N·m
Actuator Type	Toggle
Mounting Type	DIN-Rail
Actuator Marking	I / O
Recommended Screw Driver	Pozidriv 2
Accessories Available	No
Rated Cross-Section	4 - Multi-Wired 16...25 mm ² 1 - Solid-Core 35...35 mm ²
Wire Stripping Length	12.5 mm

Material Compliance

RoHS Information	2CSC423013D2702
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20211115
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP2X
Pollution Degree	2

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.1 A
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Dimensions

Width in Number of	4
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Modular Spacings

Product Net Width	70 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	245 g
Built-In Depth (t ₂)	69 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.403 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK107991A5972
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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	EC000003 - Residual current circuit breaker (RCCB)
ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
eClass	V11.0 : 27142201
Object Classification Code	Q

Categories

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

