

PRODUCT-DETAILS

BMF42425

BMF42425 Residual Current Circuit Breaker



General Information

Extended Product Type	BMF42425
Product ID	2CSF604042R2250
EAN	8012542500834
Catalog Description	BMF42425 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
Product Name	Residual Current Circuit Breaker
Type of Residual Current	AC Type
Rated Voltage (U_r)	400 V
Rated Operational Voltage	230/400 V AC
Rated Insulation Voltage (U_i)	250 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Rated Current (I_n)	25 A
Rated Residual Current	100 mA
Rated Service Short-Circuit Breaking	0.5 kA

Capacity (I _{cs})	
Maximum Surge Current	0.25 kA
Leakage Current Type	AC
Rated Frequency (f)	50 Hz
Electrical Endurance	2000AC cycle 5000 cycle
Number of Poles	4
Number of Protected 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
Connecting Capacity	Flexible 25 mm ² Rigid 35 mm ²
Rated Cross-Section	4 - Multi-Wired 16...25 mm ² 1 - Solid-Core 35...35 mm ²
Wire Stripping Length	12.5 mm

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 Modular Spacings	4
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

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	0.082 m
Package Level 1 Height	0.078 m
Package Level 1 Depth / Length	0.096 m
Package Level 1 Gross Weight	0.403 kg
Package Level 1 EAN	8012542500834

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107991A5972
Instructions and Manuals	No document needed

Popular Downloads

Data Sheet, Technical Information	9AKK107045A1496
Instructions and Manuals	No document needed

Classifications

ETIM 6	EC000003 - Residual current circuit breaker (RCCB)
ETIM 7	EC000003 - Residual current circuit breaker (RCCB)
ETIM 8	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
Object Classification Code	Q

Categories

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

