

INDUSTRIAL COMPONENT DATA

FRBMM-B6/1N/03-A 170607 Y7-170607 EATON ELECTRIC RCD/MCB comb. switch, 6A, 300mA, miniature circuit-br. type..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-B6/1N/03-A



Manufacturer	EATON - MOELLER
MPN / Reference	FRBMM-B6/1N/03-A
Catalog number	Y7-170607
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-EC4248BB2E
Generated	2026-08-05

Product Overview

RCD/MCB comb. switch, 6A, 300mA, miniature circuit-br. type B trip characteristic, 1-phase+N, residual current circuit-br. trip characteristic: A

FRBMM-B6/1N/03-A

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 6A, 300mA, MCB trip type B, 1-phase+N, RCCB trip type: A

High-quality residual current device/miniature circuit breaker combination, line voltage-independent, contact position indicator red - green, terminal rear plug protection, tri-stable slide catch - enables removal from existing busbar system, comprehensive range of accessories suitable for subsequent installation, wide range of rated fault currents, rated operational currents up to 40 A, tripping characteristics B, C, D, rated breaking capacity 10 kA, suitable for outdoor use (on-site power and outdoor distribution board) up to -25 °C

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	EATON - MOELLER > Modular Switchgear - Tertiary and Differential
--------------	--

Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection

Catalog Number 170607 Model Code FRBMM-B6/1N/03-A EAN 4015081671946 Product Length/Depth 80 mm Product

Height 75 mm Product Width 35 mm Product Weight 0.195 kg Compliances CE Marked

RoHS conform Certifications CE

EN45545-2

IEC 61373 Product specifications

Type RCBO Application Switchgear for industrial and advanced commercial applications Voltage rating 240 V - 240 V Surge current capacity 0.25 kA Voltage type AC Width in number of modular spacings 2 Features Concurrently switching N-neutral 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-B6/1N/03-A with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.