

INDUSTRIAL COMPONENT DATA

FRBM6-C10/3N/03 170948 Y7-170948 EATON ELECTRIC RCD/MCB combination switch, 10A, 300mA, miniature circuit-br..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBM6-C10/3N/03



Manufacturer	EATON - MOELLER
MPN / Reference	FRBM6-C10/3N/03
Catalog number	Y7-170948
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-1A2EA3F531
Generated	2026-08-04

Product Overview

RCD/MCB combination switch, 10A, 300mA, miniature circuit-br. type C trip characteristic, 3-ph+N, residual current circuit-br. trip characteristic: AC

FRBM6-C10/3N/03

Eaton Moeller series xEffect - FRBM6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 10A, 300mA, MCB trip type C, 3-ph+N, RCCB trip type: AC

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 170948 Model Code FRBM6-C10/3N/03 EAN 4015081670772 Product Length/Depth 80 mm Product

Height 75.5 mm Product Width 70 mm Product Weight 0.461 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 415 V - 415 V Surge current capacity 0.25 kA Voltage type AC Width in number of modular spacings 4 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. t...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBM6-C10/3N/03 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.