

INDUSTRIAL COMPONENT DATA

**FRBMM-C40/1N/003 170613 Y7-170613 EATON ELECTRIC
RCD/MCB combination switch, 40A, 30mA, miniature
circuit-br..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-C40/1N/003



Manufacturer	EATON - MOELLER
MPN / Reference	FRBMM-C40/1N/003
Catalog number	Y7-170613
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-AFCD7AE7BB
Generated	2026-08-05

Product Overview

RCD/MCB combination switch, 40A, 30mA, miniature circuit-br. type C trip characteristic, 1-phase+N, residual current circuit-br. trip characteristic: AC

FRBMM-C40/1N/003

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 40A, 30mA, MCB trip type C, 1-phase+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 170613 Model Code FRBMM-C40/1N/003 EAN 4015081671991 Product Length/Depth 80 mm Product

Height 75 mm Product Width 35 mm Product Weight 0.21 kg Compliances CE Marked

RoHS conform Certifications CE

EN45545-2

IEC 61373 Delivery programme

Application Switchgear for industrial and advanced commercial applications Product range FRBmM Basic function

Combined RCD/MCB devices Number of poles Single-pole + N Number of poles (protected) 1 Number of poles (total) 2

Release characteristic C Rated current 40 A Fault current rating 0.03 A Sensitivity type AC current sensitive Type RCBO

Technical data - electrical

Voltage type AC Voltage rating 240 V - 240 V Rated operational voltage (Ue) - max 240 V Rated insulation voltage (Ui) 500 V Rated impulse withstand voltage (Uimp) 4 kV Rated fault currents of product range 10, 30, 100, 300 MilliAmpere Impulse withstand current Partly surge-proof, 250 A Frequency rating 50 Hz Leakage current type AC Rated switching capacity 10 kA Rated switching capacity (IEC/EN 61009) 10 kA Rated short-circuit breaking capacity (EN 60947-2) 10 kA Rated short-circuit breaking capacity (EN 61009) 10 kA Rated short-circuit breaking capacity (EN 61009-1) 10 kA Rated short-circuit breaking capacity (IEC 60947-2) 10 kA Surge current capacity 0.25 kA Disconnection characteristic Undelayed Tripping Non-delayed Overv...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-C40/1N/003 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.