

INDUSTRIAL COMPONENT DATA

FRBMM-C16/1N/03-G 170582 Y7-170582 EATON ELECTRIC
Digital residual current circuit-breaker, 80A, 4p, 300mA, ..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-C16/1N/03-G



Manufacturer	EATON - MOELLER
MPN / Reference	FRBMM-C16/1N/03-G
Catalog number	Y7-170582
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-A631EF5821
Generated	2026-08-04

Product Overview

Digital residual current circuit-breaker, 80A, 4p, 300mA, type G/A

FRBMM-C16/1N/03-G

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 300mA, MCB trip type C, 1-ph+N, RCCB trip type: AC, G

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 170582 Model Code FRBMM-C16/1N/03-G EAN 4015081671731 Product Length/Depth 80 mm Product

Height 75 mm Product Width 35 mm Product Weight 0.189 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 16 A Fault current rating 0.3 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 Surge-proof, 3 kA 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) 15 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) 15 kA Surge current capacity 3 kA Disconnection characteristic Short-time delayed Tripping Short time-delayed...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-C16/1N/03-G 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.