

INDUSTRIAL COMPONENT DATA

FRBM6-D16/3N/03 170964 Y7-170964 EATON ELECTRIC RCD/MCB combination switch, 16A, 300mA, miniature circuit-br..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBM6-D16/3N/03



Manufacturer	EATON - MOELLER
MPN / Reference	FRBM6-D16/3N/03
Catalog number	Y7-170964
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-DF7A0DBB48
Generated	2026-08-05

Product Overview

RCD/MCB combination switch, 16A, 300mA, miniature circuit-br. type D trip characteristic, 3-ph+N, residual current circuit-br. trip characteristic: AC

FRBM6-D16/3N/03

Eaton Moeller series xEffect - FRBM6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 300mA, MCB trip type D, 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 170964 Model Code FRBM6-D16/3N/03 EAN 4015081670901 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 Delivery programme

Application Switchgear for industrial and advanced commercial applications Product range FRBM6 Basic function

Combined RCD/MCB devices Number of poles Three-pole + N Number of poles (protected) 4 Number of poles (total) 4

Release characteristic D 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 415 V - 415 V Rated operational voltage (Ue) - max 415 V Rated insulation voltage (Ui) 500 V Rated impulse withstand voltage (Uimp) 4 kV Rated fault currents of product range 30, 100, 300 MilliAmpere Impulse withstand current Partly surge-proof, 250 A Frequency rating 50 Hz Leakage current type AC Rated switching capacity 6 kA Rated switching capacity (IEC/EN 61009) 6 kA Rated short-circuit breaking capacity (EN 60947-2) 0 kA Rated short-circuit breaking capacity (EN 61009) 6 kA Rated short-circuit breaking capacity (EN 61009-1) 6 kA Rated short-circuit breaking capacity (IEC 60947-2) 0 kA Surge current capacity 0.25 kA Disconnection characteristic Undelayed Tripping Non-delayed Overvoltage cat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBM6-D16/3N/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.