

INDUSTRIAL COMPONENT DATA

FRBM6-D16/3N/003-A 170894 Y7-170894 EATON ELECTRIC RCD/MCB comb. switch, 16A, 30mA, miniature circuit-br. ty..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBM6-D16/3N/003-A



Manufacturer	EATON - MOELLER
MPN / Reference	FRBM6-D16/3N/003-A
Catalog number	Y7-170894
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-3F22418FE1
Generated	2026-08-05

Product Overview

RCD/MCB comb. switch, 16A, 30mA, miniature circuit-br. type D trip characteristic, 3-phase+N, residual current circuit-br. trip characteristic: A

FRBM6-D16/3N/003-A

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 30mA, MCB trip type D, 3-phase+N, RCCB trip type: A

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 170894 Model Code FRBM6-D16/3N/003-A EAN 4015081670291 Product Length/Depth 80 mm Product Height 75.5 mm Product Width 70 mm Product Weight 0.445 kg Compliances 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 Amperage Rating 16 A Rated current 16 A Fault current rating 0.03 A Sensitivity type

Pulse-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 A 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-delaye...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBM6-D16/3N/003-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.