

INDUSTRIAL COMPONENT DATA

**FRBM6-C16/3N/01-A 170929 Y7-170929 EATON ELECTRIC
Auxiliary contact, 1N/O+3N/C, surface mounting, screw conn..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBM6-C16/3N/01-A



Manufacturer	EATON - MOELLER
MPN / Reference	FRBM6-C16/3N/01-A
Catalog number	Y7-170929
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-6A6DC0A7EA
Generated	2026-08-03

Product Overview

Auxiliary contact, 1N/O+3N/C, surface mounting, screw connection

FRBM6-C16/3N/01-A

Eaton Moeller series xEffect - FRBM6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 100mA, MCB trip type C, 3-phase+N, RCCB trip type: A

High-quality residual current device/miniature circuit breaker combination, line voltage-independent, contact position indicator red - green, terminal rear plug protection, tri-stable slide catch - enables removal from existing busbar system, comprehensive range of accessories suitable for subsequent installation, wide range of rated fault currents, rated operational currents up to 40 A, tripping characteristics B, C, D, rated breaking capacity 6 kA, suitable for outdoor use (on-site power and outdoor distribution board) up to -25 °C

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 170929 Model Code FRBM6-C16/3N/01-A EAN 4015081670604 Product Length/Depth 80 mm Product

Height 75.5 mm Product Width 70 mm Product Weight 0.446 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 C Rated current 16 A Fault current rating 0.1 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-delayed
Overvoltage...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBM6-C16/3N/01-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.