

## INDUSTRIAL COMPONENT DATA

# FRBMM-B16/3/003-A 170735 Y7-170735 EATON ELECTRIC RCD/MCB comb. switch, 16A, 30mA, miniature circuit-breaker..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-B16/3/003-A



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBMM-B16/3/003-A             |
| Catalog number  | Y7-170735                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-A605B8309F                 |
| Generated       | 2026-08-04                    |

## Product Overview

RCD/MCB comb. switch, 16A, 30mA, miniature circuit-breaker type B trip characteristic, 3p, residual current circuit-breaker trip characteristic: A

FRBMM-B16/3/003-A

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 30mA, MCB trip type B, 3p, 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 170735 Model Code FRBMM-B16/3/003-A EAN 4015081674664 Product Length/Depth 80 mm Product

Height 75.5 mm Product Width 70 mm Product Weight 0.39 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 Three-pole Number of poles (protected) 3 Number of poles (total) 3 Release

characteristic B 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 10, 30, 100, 300 MilliAmpere Impulse withstand current Partly surge-proof, 250 A Frequency rating 50 Hz Leakage current type A 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 0.25 kA Disconnection characteristic Undelayed Tripping Non-delayed Overv...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-B16/3/003-A with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

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