

## INDUSTRIAL COMPONENT DATA

**FRBMM-B32/1N/003-G 170714 Y7-170714 EATON ELECTRIC**  
**Digital residual current circuit-breaker, 80A, 4p, 30mA, ..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-B32/1N/003-G



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBMM-B32/1N/003-G            |
| Catalog number  | Y7-170714                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-11F1E7CB0E                 |
| Generated       | 2026-08-05                    |

**Product Overview**

Digital residual current circuit-breaker, 80A, 4p, 30mA, type G/A

FRBMM-B32/1N/003-G

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 32A, 30mA, MCB trip type B , 1-phase+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 &gt; 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 170714 Model Code FRBMM-B32/1N/003-G EAN 4015081672851 Product Length/Depth 80 mm Product

Height 75 mm Product Width 35 mm Product Weight 0.216 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 B Rated current 32 A Fault current rating 0.03 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) 10 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) 10 kA Surge current capacity 3 kA Disconnection characteristic Short-time delayed Tripping Short time-delay...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-B32/1N/003-G 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

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