

## INDUSTRIAL COMPONENT DATA

**FRBDM-C25/2/003-G/A 168206 Y7-168206 EATON ELECTRIC RCD/MCB comb. switch, 25A, 30mA, miniature circuit-break..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBDM-C25/2/003-G/A



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBDM-C25/2/003-G/A           |
| Catalog number  | Y7-168206                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-B774EEBCCB                 |
| Generated       | 2026-08-04                    |

**Product Overview**

RCD/MCB comb. switch, 25A, 30mA, miniature circuit-breaker type C trip characteristic, 2p, residual current circuit-breaker trip characteristic: A

FRBDM-C25/2/003-G/A

Eaton Moeller series xEffect - FRBdM RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 25A, 30mA, MCB trip type C, 2p, 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 - Industrial

**Additional Product Information**

## General specifications

Product Name Eaton Moeller series xEffect - FRBdM RCBO - residual-current circuit breaker with overcurrent protection

Catalog Number 168206 Model Code FRBDM-C25/2/003-G/A EAN 4015081647767 Product Length/Depth 86 mm Product Height 75 mm Product Width 37 mm Product Weight 0.25 kg Compliances CE Marked

RoHS conform Certifications CE Delivery Program

Basic function Combined RCD/MCB devices Number of poles Two-pole Tripping Short time-delayed Tripping characteristic C Application Switchgear for industrial and advanced commercial applications Rated switching capacity (IEC/EN 61009) 10 kA Type RCBO Product range FRBdM Impulse withstand current Surge-proof, 3 kA Technical Data - Electrical

Rated operational voltage (Ue) - max 240 V Sensitivity type Pulse-current sensitive Rated current 25 A Technical Data

Number of poles (total) 2 Number of poles (protected) 2 Rated impulse withstand voltage (Uimp) 4 kV Leakage current type A Current limiting class 3 Rated short-circuit breaking capacity (EN 61009) 10 kA Rated short-circuit breaking capacity (EN

61009-1) 10 kA Rated short-circuit breaking capacity (EN 60947-2) 0 kA Disconnection characteristic Short-time delayed  
Surge current capacity 3 kA Voltage type AC Release characteristic C Overvoltage category III Pollution degree 2

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBDM-C25/2/003-G/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

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.