

## INDUSTRIAL COMPONENT DATA

# FRBMM-C25/1N/003 170539 Y7-170539 EATON ELECTRIC RCD/MCB combination switch, 25A, 30mA, miniature circuit-br..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-C25/1N/003



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBMM-C25/1N/003              |
| Catalog number  | Y7-170539                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-04FCCCD5E7                 |
| Generated       | 2026-08-05                    |

## Product Overview

RCD/MCB combination switch, 25A, 30mA, miniature circuit-br. type C trip characteristic, 1-phase+N, residual current circuit-br. trip characteristic: AC

FRBMM-C25/1N/003

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 25A, 30mA, MCB trip type C, 1-phase+N, RCCB trip type: AC

## 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 170539 Model Code FRBMM-C25/1N/003 EAN 4015081671373 Product Length/Depth 80 mm Product

Height 75 mm Product Width 35 mm Product Weight 0.212 kg Compliances 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 C Amperage Rating 25 A Rated current 25 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 Partly surge-proof, 250 A 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 0.25 kA Disconnection characteristic Undelayed Tripping Non-d...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-C25/1N/003 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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