

## INDUSTRIAL COMPONENT DATA

**FRBMM-D20/1N/03-G 170871 Y7-170871 EATON ELECTRIC**  
**Digital residual current circuit-breaker, 80A, 4p, 300mA, ..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-D20/1N/03-G



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBMM-D20/1N/03-G             |
| Catalog number  | Y7-170871                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-491F0FEA29                 |
| Generated       | 2026-08-04                    |

**Product Overview**

Digital residual current circuit-breaker, 80A, 4p, 300mA, type G/A

FRBMM-D20/1N/03-G

Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 20A, 300mA, MCB trip type D, 1-ph+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 170871 Model Code FRBMM-D20/1N/03-G EAN 4015081674305 Product Length/Depth 80 mm Product

Height 75 mm Product Width 35 mm Product Weight 0.203 kg Compliances CE Marked

RoHS conform Certifications CE

EN45545-2

IEC 61373 Product specifications

Type RCBO Application Switchgear for industrial and advanced commercial applications Amperage Rating 20 A Voltage

rating 240 V - 240 V Surge current capacity 3 kA Voltage type AC Width in number of modular spacings 2 Features

Anti- nuisance tripping version

Concurrently switching N-neutral Operating ambient temperature - max 40 °C Operating ambient temperature - min -25 °C

Product range FRBmM Rated current 20 A Rated fault currents of product range 10, 30, 100, 300 MilliAmpere Rated

switching capacity (IEC/EN 61009) 10 kA Static heat dissipation, non-current-dependent 0 W Tripping characteristic D Built-in depth 75.5 mm Current limiting class 3 Rated short-circuit breaking capacity (EN 60947-2) 15 kA Ambient operating temperature - max 40 °C Ambient operating temperature - min -25 °C Fault current rating 0.3 A Heat dissipation capacity 0 W Heat dissipation per pole, current-dependent 0 W Number of poles (protected) 1 Number of poles (total) 2 Rated operational voltage (Ue) - max 240 V Rated short-circuit breaking capacity (IEC 60947-2) 15 kA Rated switching capacity 10 kA Basic funct...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-D20/1N/03-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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