

## INDUSTRIAL COMPONENT DATA

**FRBMM-B6/1N/003-A-RT 305114 Y7-305114 EATON ELECTRIC  
Combined Int. FRBMM, 6A, 30mA, B-Curve, 1P+N, Class A R..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-B6/1N/003-A-RT



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBMM-B6/1N/003-A-RT          |
| Catalog number  | Y7-305114                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-457F719AF2                 |
| Generated       | 2026-08-06                    |

**Product Overview**

Combined Int. FRBMM, 6A, 30mA, B-Curve, 1P+N, Class A Ring Terminal  
FRBMM-B6/1N/003-A-RT. RCD/MCB, 6A, 30mA, miniature circuit-breaker trip curve: B, 1pole+N, residual current  
circuit-breaker trip characteristic: 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 305114 Model Code FRBMM-B6/1N/003-A-RT EAN 9010238988552 Product Length/Depth 75.5 mm  
Product Height 84.5 mm Product Width 35.4 mm Product Weight 0.199 kg Compliances RoHS conform Certifications  
EN45545-2

## IEC 61373 Product specifications

Amperage Rating 10 A Surge current capacity 0.25 kA Voltage type AC Width in number of modular spacings 2 Operating  
ambient temperature - max 40 °C Operating ambient temperature - min -25 °C Rated current 6 A Rated switching capacity  
(IEC/EN 60947-2) 15 kA 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 0.03 A  
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 impulse withstand voltage (Uimp) 4 kV Degree of protection IP20 Overvoltage  
category III Pollution degree 2 Leakage current type A Release characteristic B Frequency rating 50 Hz Rated insulation

voltage (Ui) 500 V Connectable conductor cross section (solid-core) - min 1 mm<sup>2</sup> Connectable conductor cross section (solid-core) - max 25 mm<sup>2</sup> Connectable conductor cross section (multi-wired) - min 1 mm<sup>2</sup> Connectable conductor cross section (multi-wired) - max 25 mm<sup>2</sup> Ra...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-B6/1N/003-A-RT 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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