

## INDUSTRIAL COMPONENT DATA

# FRBMM-C25/1N/003-A-RT 305138 Y7-305138 EATON ELECTRIC Combined Int. FRBMM, 25A, 30mA, C-Curve, 1P+N, Class A..

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



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBMM-C25/1N/003-A-RT         |
| Catalog number  | Y7-305138                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-FA02E44DD8                 |
| Generated       | 2026-08-06                    |

## Product Overview

Combined Int. FRBMM, 25A, 30mA, C-Curve, 1P+N, Class A Ring Terminal  
FRBMM-C25/1N/003-A-RT. RCD/MCB, 25A, 30mA, miniature circuit-breaker trip curve: C, 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 305138 Model Code FRBMM-C25/1N/003-A-RT EAN 9010238988705 Product Length/Depth 75.5 mm  
Product Height 84.5 mm Product Width 35.4 mm Product Weight 0.204 kg Compliances RoHS conform Certifications  
EN45545-2  
IEC 61373 Delivery programme  
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 Technical data - electrical  
Voltage type AC Rated operational voltage (Ue) - max 240 V Rated insulation voltage (Ui) 500 V Rated impulse withstand  
voltage (Uimp) 4 kV Frequency rating 50 Hz Leakage current type A Rated switching capacity (IEC/EN 60947-2) 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 Overvoltage category III Pollution degree 2 Technical data - mechanical

Width in number of modular spacings 2 Built-in depth 75.5 mm Degree of protection IP20 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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