

## INDUSTRIAL COMPONENT DATA

# FRCMM-25/4/03-U 170463 EATON ELECTRIC Digital residual current circuit-breaker, 63A, 4p, 300mA, type U

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-25/4/03-U



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-25/4/03-U                         |
| Catalog number  | 170463                                  |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-BB77A2CAFB                           |
| Generated       | 2026-08-05                              |

## Product Overview

Digital residual current circuit-breaker, 63A, 4p, 300mA, type U

Int. differential FRCMM, 25A, 4p, 300mA, class U

Residual current circuit breaker (RCCB), 25A, 4p, 300mA, type U

Residual current circuit-breaker FRCmM, 4 pole, Rated current I<sub>n</sub>: 25 A, Rated short-circuit strength I<sub>cn</sub>: 10 with back-up fuse kA, Rated fault current I<sub>Δ</sub>N: 0.3 A, Residual current circuit-breaker - frequency converter-proof

## 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 - FRCmM Type AC, A, U, R RCCB Catalog Number 170463 Model Code

FRCMM-25/4/03-U EAN 4015081669479 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm

Product Weight 0.336 kg Compliances RoHS conform Certifications IEC/EN 61008 Delivery program

Application Residual current circuit breaker - frequency converter-proof Number of poles Four-pole Tripping time Selective switch off

40 ms delayed - selective switch off Amperage Rating 25 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 300 mA Sensitivity type Pulse-current sensitive Impulse withstand current 5 kA (8/20 us) surge-proof Type Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Rated operational voltage (U<sub>e</sub>) - max 415 V Rated insulation voltage (U<sub>i</sub>) 440 V Rated impulse withstand voltage (U<sub>imp</sub>) 4 kV (1.2/50 μs)

4 kV Rated fault current - min 0.3 A Rated fault current - max 0.3 A Frequency rating 50 Hz / 60 Hz  
50 Hz Short-circuit rating 63 A (max. admissible back-up fuse) Leakage current type A Rated residual making and breaking  
capacity 500 A Admissible back-up fuse overload - max 25 A gG/gL Rated short-time withstand current (I<sub>cw</sub>) 10 kA Surge  
current capacity 5 kA Test circuit range 196 V AC - 456 V AC Pollution degree 2 Radiation resistance Suitable for variable  
frequency drives (enhanced sensitivity) Lifespan, electrical 4000 operations Technical data - mechanical  
Frame 45 mm Width in....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-25/4/03-U 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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requirements against the manufacturer documentation before purchase or installation.