

## INDUSTRIAL COMPONENT DATA

# FRCMM-63/4/01-U 170461 EATON ELECTRIC Residual current circuit breaker (RCCB), 16A, 4p, 100mA, type U

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-63/4/01-U



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-63/4/01-U                         |
| Catalog number  | 170461                                  |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-9FA930411B                           |
| Generated       | 2026-08-04                              |

## Product Overview

Residual current circuit breaker (RCCB), 16A, 4p, 100mA, type U

Int. differential FRCMM, 63A, 4p, 100mA, class U

Residual current circuit-breaker FRCmM, 4 pole, Rated current  $I_n$ : 63 A, Rated short-circuit strength  $I_{cn}$ : 10 with back-up fuse kA, Rated fault current  $I_f$ : 0.1 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 170461 Model Code

FRCMM-63/4/01-U EAN 4015081669455 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm

Product Weight 0.354 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 63 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 100 mA Sensitivity type Pulse-current sensitive Impulse withstand current 5 kA (8/20  $\mu$ s) surge-proof Type

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Rated operational voltage ( $U_e$ ) - max 415 V Rated insulation voltage ( $U_i$ ) 440 V Rated impulse withstand voltage ( $U_{imp}$ ) 4 kV (1.2/50  $\mu$ s)

4 kV Rated fault current - min 0.1 A Rated fault current - max 0.1 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 630 A Admissible back-up fuse overload - max 63 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-63/4/01-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

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