

## INDUSTRIAL COMPONENT DATA

**FRCMM-80/4/003-G 170371 Y7-170371 EATON ELECTRIC**  
**Residual current circuit breaker (RCCB), 80A, 4p, 30mA, typ..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/4/003-G



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-80/4/003-G                        |
| Catalog number  | Y7-170371                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-73F8E64217                           |
| Generated       | 2026-08-06                              |

## Product Overview

Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type G

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type G

Residual current circuit-breaker FRCmM, 4 pole, Rated current  $I_n$ : 80 A, Rated short-circuit strength  $I_{cn}$ : 10 with back-up fuse kA, Rated fault current  $I_N$ : 0.03 A, Switchgear for industrial and advanced commercial applications

## 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 - Industrial |
|--------------|---------------------------------------------------|

## Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB Catalog Number 170371 Model Code FRCMM-80/4/003-G EAN 4015081668632 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.386 kg Compliances RoHS conform Certifications ÖVE E 8601

EN45545-2

IEC 61373

IEC/EN 61008 Delivery program

Application Number of poles Four-pole Tripping time Short time-delayed

10 ms delayed Amperage Rating 80 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 30 mA

Sensitivity type AC current sensitive Impulse withstand current 3 kA (8/20 us) surge-proof Type FRCmM

Residual current circuit breakers

Type G (ÖVE E 8601)

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Rated operational voltage (Ue) - max 415 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Rated fault current - min 0.03 A Rated fault current - max 0.03 A Frequency rating 50 Hz / 60 Hz Short-circuit rating 80 A (max. admissible back-up fuse) Leakage current type AC Rated residual making and breaking capacity 800 A Admissible back-up fuse overload - max 80 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge current capacity 3 kA Test circuit range 184 V AC - 440 V AC Pollution degree 2 Lifespan, electrical 4000 operations Technical data - mechanical  
Frame 45 mm Width in number of modular spacings 4 Built-in width (number of units) 70 mm (4 SU) Built-in depth 70.5 mm Mou...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/4/003-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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