

## INDUSTRIAL COMPONENT DATA

# FRCMM-80/4/03 170422 Y7-170422 EATON ELECTRIC

## Earth-leakage circuit-breaker 0, 03-5 A, 110AC

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/4/03



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-80/4/03                           |
| Catalog number  | Y7-170422                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-83C79D90F1                           |
| Generated       | 2026-08-04                              |

## Product Overview

Earth-leakage circuit-breaker 0, 03-5 A, 110AC

FRCMM-80/4/03

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 80A, 4p, 300mA, type AC

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  $I_f$ : 0.3 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 170422 Model Code FRCMM-80/4/03 EAN 4015081669103 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.381 kg Compliances RoHS conform Certifications IEC/EN 61008

EN45545-2

IEC 61373 Delivery program

Application Number of poles Four-pole Tripping time Non-delayed Amperage Rating 80 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 300 mA Sensitivity type AC current sensitive Impulse withstand current 250 A (8/20 us) surge-proof

Partly surge-proof 250 A Type FRCmM

Residual current circuit breakers

Type AC

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 0.3 A Rated fault current - max 0.3 A Frequency rating 50 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 0.25 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

Mounting Method DIN rail

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/4/03 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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