

## INDUSTRIAL COMPONENT DATA

**FRCMM-80/4/003-A-110 180618 Y7-180618 EATON ELECTRIC**  
**Residual current circuit breaker (RCCB), 80A, 4p, 30mA,..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/4/003-A-110



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-80/4/003-A-110                    |
| Catalog number  | Y7-180618                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-E99346A751                           |
| Generated       | 2026-08-05                              |

**Product Overview**

Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type A, 110V

FRCMM-80/4/003-A-110

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type A, 110V

Mains voltage-independent residual current circuit-breaker for fault protection and additional protection, 80A, 4p, 30 mA, type A, 110V

## 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 180618 Model Code FRCMM-80/4/003-A-110 EAN 4015081757831 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.386 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 30 mA Sensitivity type Pulse-current sensitive Impulse withstand current Partly surge-proof 250 A

250 A (8/20 us) surge-proof Type FRCmM

Residual current circuit breakers

Type A

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 110/190 V Rated operational voltage (Ue) - max 110 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 A 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 94 V AC - 121 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 Quick at...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/4/003-A-110 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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