

## INDUSTRIAL COMPONENT DATA

# FRCMM-80/2/003-G/A 170386 Y7-170386 EATON ELECTRIC

## Circuit breaker, 80A, 2p, 30mA, Type G/A

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/2/003-G/A



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-80/2/003-G/A                      |
| Catalog number  | Y7-170386                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-9DEE729DA2                           |
| Generated       | 2026-08-05                              |

### Product Overview

Circuit breaker, 80A, 2p, 30mA, Type G/A

FRCMM-80/2/003-G/A

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 80A, 2p, 30mA, type G/A

Residual current circuit-breaker FRCmM, 2 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 170386 Model Code

FRCMM-80/2/003-G/A EAN 4015081669615 Product Length/Depth 80 mm Product Height 76 mm Product Width 35 mm

Product Weight 0.202 kg Compliances RoHS conform Certifications ÖVE E 8601

EN45545-2

IEC 61373

IEC/EN 61008 Delivery program

Application Number of poles Two-pole Tripping time 10 ms delayed

Short time-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 3 kA (8/20 us) surge-proof Type Current test marks as per

inscription

Maximum operating temperature is 75 °C: Starting at 40 °C, the max. permissible continuous current decreases by 1.2% for every 1 °C

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC Rated operational voltage (Ue) - max 240 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 3 kA Test circuit range 184 V AC - 250 V AC Pollution degree 2 Lifespan, electrical 4000 operations

Technical data - mechanical

Frame 45 mm Width in...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/2/003-G/A 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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