

## INDUSTRIAL COMPONENT DATA

**FRCMM-16/4/003-A-RT 305081 Y7-305081 EATON ELECTRIC**  
**Int. differential FRCMM, 16A, 4p, 30mA, Class A terminal..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-16/4/003-A-RT



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-16/4/003-A-RT                     |
| Catalog number  | Y7-305081                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-15A459D5CD                           |
| Generated       | 2026-08-06                              |

**Product Overview**

Int. differential FRCMM, 16A, 4p, 30mA, Class A terminal ring

Eaton Moeller series xEffect - FRCmM-NA RCCB 16A 4P 30mA Type A RT

Residual current circuit-breaker FRCmM, 4 Pole, Rated current  $I_n$ : 16 A, Rated short-circuit strength  $I_{cn}$ : 10 with back-up fuse kA, Rated fault current  $I_{\Delta n}$ : 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 - Tertiary and Differential

**Additional Product Information**

## General specifications

Product Name Eaton Moeller series xEffect - FRCmM-NA RCCB Catalog Number 305081 Model Code

FRCMM-16/4/003-A-RT EAN 9010238213722 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm

Product Weight 0.32 kg Certifications IEC/EN 61008

EN45545-2

IEC 61373 Delivery program

Application Number of poles Four-pole Amperage Rating 16 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) 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 63 A (max. admissible back-up fuse) Leakage current type A Rated residual making and breaking capacity 500 A Admissible back-up fuse overload - max 16 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge current capacity 0.25 kA Test circuit range 196 V AC - 264 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 attachment with 2 latch positions for DIN-rail IEC/EN 6071...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-16/4/003-A-RT 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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