

## INDUSTRIAL COMPONENT DATA

# FRCMM-16/4/05 170424 Y7-170424 EATON ELECTRIC Circuit breaker, 16A, 4p, 500mA, class AC

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-16/4/05



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-16/4/05                           |
| Catalog number  | Y7-170424                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-BB79E2A514                           |
| Generated       | 2026-08-06                              |

## Product Overview

Circuit breaker, 16A, 4p, 500mA, class AC

FRCMM-16/4/05

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 16A, 4p, 500mA, type AC

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  $I_f$ : 0.5 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 Type AC, A, U, R RCCB Catalog Number 170424 Model Code FRCMM-16/4/05 EAN 4015081669110 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.336 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 16 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 500 mA Sensitivity type AC current sensitive Impulse withstand current Partly surge-proof 250 A

250 A (8/20 us) surge-proof 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 0.5 A Rated fault current - max 0.5 A Frequency rating 50 Hz Short-circuit rating 63 A (max. admissible back-up fuse) Leakage current type AC 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 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

Quick...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-16/4/05 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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