

## INDUSTRIAL COMPONENT DATA

# FRCMM-125/2/05-A 171167 Y7-171167 EATON ELECTRIC

## Residual current circuit breaker (RCCB), 125A, 2p, 500mA, t..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-125/2/05-A



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-125/2/05-A                        |
| Catalog number  | Y7-171167                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-4FECE17C21                           |
| Generated       | 2026-08-05                              |

### Product Overview

Residual current circuit breaker (RCCB), 125A, 2p, 500mA, type A

Eaton Moeller series xEffect - FRCmM-125 Type A RCCB. Residual current circuit breaker (RCCB), 125A, 2p, 500mA, type A

Residual current circuit-breaker FRCmM-125, 2 pole, Rated current In: 125 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I?N: 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 - Industrial

### Additional Product Information

#### General specifications

Product Name Eaton Moeller series xEffect - FRCmM-125 Type A RCCB Catalog Number 171167 Model Code

FRCMM-125/2/05-A EAN 4015081676514 Product Length/Depth 85 mm Product Height 75.5 mm Product Width 36 mm

Product Weight 0.28 kg Compliances RoHS conform Certifications IEC/EN 61008 Delivery program

Application Number of poles Two-pole Tripping time Non-delayed Amperage Rating 125 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 500 mA Sensitivity type Pulse-current sensitive Impulse withstand current 250 A (8/20 us) surge-proof

Partly surge-proof 250 A Type FRCmM-125

Residual current circuit breakers

Type A

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 0.5 A Rated fault current - max 0.5 A Frequency  
rating 50 Hz Short-circuit rating 125 A (max. admissible back-up fuse) Leakage current type A Rated residual making and  
breaking capacity 1250 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 - 250 V AC Pollution degree 2 Lifespan, electrical 4000  
operations Technical data - mechanical  
Frame 45 mm Width in number of modular spacings 2 Built-in width (number of units) 35 mm (2 SU) Built-in depth 70.5 mm  
Mounting Method Quick attachment for DIN-rail EN 50022  
D...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-125/2/05-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

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Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.