

## INDUSTRIAL COMPONENT DATA

# FRCMM-125/2/03-G/A 171170 Y7-171170 EATON ELECTRIC Residual current circuit breaker (RCCB), 125A, 2p, 300mA,..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-125/2/03-G/A



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-125/2/03-G/A                      |
| Catalog number  | Y7-171170                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-2795A2A4B6                           |
| Generated       | 2026-08-05                              |

## Product Overview

Residual current circuit breaker (RCCB), 125A, 2p, 300mA, type G/A

FRCMM-125/2/03-G/A

Eaton Moeller series xEffect - FRCmM-125 Type A RCCB. Residual current circuit breaker (RCCB), 125A, 2p, 300mA, type G/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<sub>N</sub>: 0.3 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 171170 Model Code

FRCMM-125/2/03-G/A EAN 4015081676545 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

ÖVE E 8601 Delivery program

Application Number of poles Two-pole Tripping time Short time-delayed

10 ms delayed Amperage Rating 125 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 300 mA

Sensitivity type Pulse-current sensitive Impulse withstand current 3 kA (8/20 us) surge-proof Type FRCmM-125

Residual current circuit breakers

Type G/A (ÖVE E 8601)

**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 0.3 A Rated fault current - max 0.3 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 3 kA Test circuit range 184 V AC - 250 V AC Pollution degree 2 Lifespan, electrical 4000

**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 DIN rail

Quick attac...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send EATON - MOELLER / FRCMM-125/2/03-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).

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requirements against the manufacturer documentation before purchase or installation.