

## INDUSTRIAL COMPONENT DATA

**FRCMM-25/4/01-S/A 170443 Y7-170443 EATON ELECTRIC**  
**Residual current circuit breaker (RCCB), 25A, 4p, 100mA, t..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-25/4/01-S/A



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-25/4/01-S/A                       |
| Catalog number  | Y7-170443                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-1A95E8C453                           |
| Generated       | 2026-08-05                              |

**Product Overview**

Residual current circuit breaker (RCCB), 25A, 4p, 100mA, type S/A

FRCMM-25/4/01-S/A

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 25A, 4p, 100mA, type S/A

Residual current circuit-breaker FRCmM, 4 pole, Rated current  $I_n$ : 25 A, Rated short-circuit strength  $I_{cn}$ : 10 with back-up fuse kA, Rated fault current  $I_N$ : 0.1 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 170443 Model Code FRCMM-25/4/01-S/A EAN 4015081669295 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm

Product Weight 0.341 kg Compliances RoHS conform Certifications IEC/EN 61008

EN45545-2

IEC 61373 Delivery program

Application Number of poles Four-pole Tripping time 40 ms delayed - selective switch off

Selective switch off Amperage Rating 25 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 100 mA

Sensitivity type Pulse-current sensitive Impulse withstand current 5 kA (8/20 us) surge-proof Type FRCmM

Residual current circuit breakers

Type S/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 0.1 A Rated fault current - max 0.1 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 25 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge current capacity 5 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 m...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-25/4/01-S/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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