

## INDUSTRIAL COMPONENT DATA

**FRCMM-100/2/01-S/A 170441 Y7-170441 EATON ELECTRIC**  
**Residual current circuit breaker (RCCB), 100A, 2p, 100mA,..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-100/2/01-S/A



|                 |                                         |
|-----------------|-----------------------------------------|
| Manufacturer    | EATON - MOELLER                         |
| MPN / Reference | FRCMM-100/2/01-S/A                      |
| Catalog number  | Y7-170441                               |
| Category        | Residual current circuit breaker (RCCB) |
| Minimum order   | 1 Pcs                                   |
| Document ID     | EO-38E19251B6                           |
| Generated       | 2026-08-05                              |

**Product Overview**

Residual current circuit breaker (RCCB), 100A, 2p, 100mA, type S/A

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 100A, 2p, 100mA, type S/A

Residual current circuit-breaker FRCmM, 2 pole, Rated current In: 100 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I<sub>N</sub>: 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 - Industrial |
|--------------|---------------------------------------------------|

**Additional Product Information**

## General specifications

Product Name Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB Catalog Number 170441 Model Code FRCMM-100/2/01-S/A EAN 4015081669271 Product Length/Depth 80 mm Product Height 76 mm Product Width 35 mm Product Weight 0.202 kg Compliances RoHS conform Certifications IEC/EN 61008 EN45545-2

IEC 61373 Delivery program

Application Number of poles Two-pole Tripping time Selective switch off

40 ms delayed - selective switch off Amperage Rating 100 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 Rated operational voltage (Ue) - max 240 V Rated insulation voltage (Ui) 440 V  
Rated impulse withstand voltage (Uimp) 4 kV Rated fault current - min 0.1 A Rated fault current - max 0.1 A Frequency  
rating 50 Hz / 60 Hz Short-circuit rating 100 A (max. admissible back-up fuse) Leakage current type A Rated residual  
making and breaking capacity 1000 A Admissible back-up fuse overload - max 80 A gG/gL Rated short-time withstand  
current (Icw) 10 kA Surge current capacity 5 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  
Mounti...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-100/2/01-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

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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requirements against the manufacturer documentation before purchase or installation.