

INDUSTRIAL COMPONENT DATA

FRCMM-80/4/05-A 170350 Y7-170350 EATON ELECTRIC

Circuit breaker, 80A, 4p, 500mA, class A

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/4/05-A



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-80/4/05-A
Catalog number	Y7-170350
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-C175231748
Generated	2026-08-04

Product Overview

Circuit breaker, 80A, 4p, 500mA, class A

FRCMM-80/4/05-A

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 80A, 4p, 500mA, type A

Residual current circuit-breaker FRCmM, 4 pole, Rated current I_n: 80 A, Rated short-circuit strength I_{cn}: 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 Type AC, A, U, R RCCB Catalog Number 170350 Model Code FRCMM-80/4/05-A EAN 4015081668441 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.356 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 80 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

Residual current circuit breakers**Type 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 0.5 A Rated fault current - max 0.5 A Frequency rating 50 Hz Short-circuit rating 80 A (max. admissible back-up fuse) Leakage current type A Rated residual making and breaking capacity 800 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 - 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 Quick attac...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/4/05-A with the required quantity to info@electricaonline.com or use 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.