

INDUSTRIAL COMPONENT DATA

FRCMM-80/4/03-G/F 187423 Y7-187423 EATON ELECTRIC

Residual current circuit breaker (RCCB), 80A, 4p, 300mA, t..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/4/03-G/F



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-80/4/03-G/F
Catalog number	Y7-187423
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-4FAAABD3A9
Generated	2026-08-06

Product Overview

Residual current circuit breaker (RCCB), 80A, 4p, 300mA, type G/F

FRCMM-80/4/03-G/F

Eaton Moeller series xEffect - FRCmM Type F RCCB. Residual current circuit breaker (RCCB), 80A, 4p, 300mA, type G/F
Full range of compact residual current circuit-breaker models for a wide variety of applications, for fault and additional protection, large amount of available rated operational currents, comprehensive range of accessories, true contact position indicator, automatic reclosing possible, suitable for use outdoors (building and outdoor distribution boards) at temperatures as low as -25 °C

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 F RCCB Catalog Number 187423 Model Code FRCMM-80/4/03-G/F EAN 4015081824816 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.381 kg Compliances RoHS conform Certifications IEC/EN 62423 EN45545-2

IEC 61373

IEC/EN 61008 Delivery program

Application Number of poles Four-pole Tripping time 10 ms delayed Amperage Rating 80 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

Residual current circuit breakers

Type G/F (ÖVE E 8601)

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 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 / 60 Hz Short-circuit rating 80 A (max. admissible back-up fuse) Leakage current type Other 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 3 kA Test circuit range 184 V AC - 440 V AC Pollution degree 2

Radiation resistance Frequency mix (10 Hz, 50 Hz, 1000 Hz) enhanced sensitivity Lifespan, electrical 4000 operations

Technical data - mechanical

Frame 45 mm Width in number of modular spacings 4 Built-in wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/4/03-G/F 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.