

INDUSTRIAL COMPONENT DATA

**FRCDM-63/4/003-G/B/60HZ 180424 Y7-180424 EATON
ELECTRIC Digital residual current circuit-breaker, 63A, 4p, 3..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRCDM-63/4/003-G/B/60HZ



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-63/4/003-G/B/60HZ
Catalog number	Y7-180424
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-F6E4D388B7
Generated	2026-08-06

Product Overview

Digital residual current circuit-breaker, 63A, 4p, 30mA, type G/B, 60Hz

FRCDM-63/4/003-G/B/60HZ

Eaton Moeller series xEffect - FRCdM Type B, B+, Bfq RCCB. Digital residual current circuit-breaker, all-current sensitive, 63 A, 4p, 30 mA, type G/B, 60 Hz

AC/DC sensitive residual current circuit-breaker independent of grid voltage for fault and additional protection with additional digital functions; 63 A; 4p; 30 mA; type G/B; 60Hz

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 - FRCdM Type B, B+, Bfq RCCB Catalog Number 180424 Model Code FRCDM-63/4/003-G/B/60HZ EAN 4015081755783 Product Length/Depth 80 mm Product Height 72.6 mm Product Width 70 mm Product Weight 0.368 kg Compliances RoHS conform Certifications EN45545-2

IEC 61373

IEC/EN 61008

IEC/EN 62423

ÖVE E 8601 Delivery program

Application Number of poles Four-pole Amperage Rating 63 A Rated short-circuit strength 10 kA Fault current rating 30 mA

Sensitivity type All current sensitive Type Current test marks as per inscription

Dry auxiliary contact: > 100,000 electrical switching operations per minute at 2 A 30 VDC resistive load

Dry auxiliary contact: > 5 x 100,000 electrical switching operations per minute at 1 A 30 VDC resistive load

Maximum operating temperature is 60 °C in accordance with the de-rating table

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Voltage rating - min 50 VAC Voltage rating - max 456 VAC Rated operational voltage (Ue) - max 415 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Rated fault current - min 0.03 A Rated fault current - max 0.03 A Frequency rating 60 Hz Short-circuit rating 63 A (max. admissible back-up fuse) Leakage current type B Rated residual making and breaking capacity 630 A Admissible back-up fuse 63 A gG/gL Admissible back-up fuse overload - max 63 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge current ca...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCDM-63/4/003-G/B/60HZ 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.