

INDUSTRIAL COMPONENT DATA

FRCDM-63/4/003-G/B+/60HZ 180425 Y7-180425 EATON
ELECTRIC Digital residual current circuit-breaker, 63A, 4p, ..

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	Y7-180425
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-636BD821E2
Generated	2026-08-05

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 RFO 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 180425 Model Code FRCdM-63/4/003-G/B+/60HZ EAN 4015081755790 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

VDE 0664-400 Delivery program

Application xEffect - Switchgear for industrial and advanced commercial applications 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

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 capacity 3 kA Test circuit range 196 V AC - 264 V AC Pollution degree 2 Lifespan, electrical 4000 operations

Technical data - electrical - dry auxiliary contact

Rated switching capacity (resistive load) of auxiliary contact at 30 V DC 2 A Rated...

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.