

INDUSTRIAL COMPONENT DATA

FRCDM-63/4/03-S/A 168638 Y7-168638 EATON ELECTRIC

Digital residual current circuit-breaker, 63A, 4p, 300mA, ..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCDM-63/4/03-S/A



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-63/4/03-S/A
Catalog number	Y7-168638
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-687BAF3F58
Generated	2026-08-05

Product Overview

Digital residual current circuit-breaker, 63A, 4p, 300mA, type S/A

FRCDM-63/4/03-S/A

Eaton Moeller series xEffect - FRCdM Type AC, A, U, R RCCB. Digital residual current circuit-breaker, all-current sensitive, 63 A, 4p, 300 mA, type S/A

Residual current circuit-breaker FRCdM, 4 pole, Rated current In: 63 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I_N: 0.3 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 - FRCdM Type AC, A, U, R RCCB Catalog Number 168638 Model Code

FRCDM-63/4/03-S/A EAN 4015081651269 Product Length/Depth 80 mm Product Height 71 mm Product Width 70 mm

Product Weight 0.32 kg Compliances RoHS conform Certifications IEC/EN 61008

EN45545-2

IEC 61373 Delivery program

Application xEffect - Switchgear for industrial and advanced commercial applications Number of poles Four-pole Tripping time Selective switch off

40 ms delayed - selective switch off Amperage Rating 63 A Rated short-circuit strength 10 kA Fault current rating 300 mA

Sensitivity type Pulse-current sensitive Impulse withstand current 5 kA (8/20 us) surge-proof Type Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Voltage rating - min 50 VAC Voltage rating - max 264 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 0.3 A Rated fault current - max 0.3 A Frequency rating 50 Hz Short-circuit rating 63 A (max. admissible back-up fuse) Leakage current type A 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 5 kA Test circuit range 196 V AC - 456 V AC Pollution degree 2 Lifespan, electrical 4000 operations
Technical data - electrical - dry auxiliary contact
Rate...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCDM-63/4/03-S/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.