

INDUSTRIAL COMPONENT DATA

FRCDM-40/4/03-S/BFQ 167909 Y7-167909 EATON ELECTRIC

Digital residual current circuit-breaker, 40A, 4p, 300mA..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCDM-40/4/03-S/BFQ



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-40/4/03-S/BFQ
Catalog number	Y7-167909
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-6D39EFF50D
Generated	2026-08-06

Product Overview

Digital residual current circuit-breaker, 40A, 4p, 300mA, type S/BFQ

FRCDM-40/4/03-S/BFQ

Eaton Moeller series xEffect - FRCdM Type B, B+, Bfq RCCB. Digital residual current circuit-breaker, all-current sensitive, 40 A, 4p, 300 mA, type S/BFQ

Residual current circuit-breaker FRCdM, 4 pole, Rated current In: 40 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I_N: 0.3 A, Residual current circuit-breaker - frequency converter-proof

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 167909 Model Code

FRCDM-40/4/03-S/BFQ EAN 4015081644841 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

IEC/EN 62423

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 40 A Rated short-circuit strength 10 kA Fault current rating 300 mA

Sensitivity type All current sensitive - frequency converter-proof 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 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 0.3 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 B Rated residual making and breaking capacity 500 A Admissible back-up
fuse 63 A gG/gL Admissible back-up fuse overload - max 40 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 Radiation resistance Suitable for variable
frequency....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCDM-40/4/03-S/BFQ 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.