

INDUSTRIAL COMPONENT DATA

FRCDM-80/4/03-G/A 168635 Y7-168635 EATON ELECTRIC

Digital residual current circuit-breaker, 80A, 4p, 300mA, ..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCDM-80/4/03-G/A



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-80/4/03-G/A
Catalog number	Y7-168635
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-1C0D5F3B2C
Generated	2026-08-05

Product Overview

Digital residual current circuit-breaker, 80A, 4p, 300mA, type G/A

FRCDM-80/4/03-G/A

Eaton Moeller series xEffect - FRCdM Type AC, A, U, R RCCB. Digital residual current circuit-breaker, 80A, 4p, 300mA, type G/A

Residual current circuit-breaker FRCdM, 4 pole, Rated current In: 80 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 168635 Model Code

FRCDM-80/4/03-G/A EAN 4015081651238 Product Length/Depth 80 mm Product Height 71 mm Product Width 70 mm

Product Weight 0.32 kg Compliances RoHS conform Certifications ÖVE E 8601

EN45545-2

IEC 61373

IEC/EN 61008 Delivery program

Application Number of poles Four-pole Tripping time Short time-delayed

10 ms delayed Amperage Rating 80 A Rated short-circuit strength 10 kA Fault current rating 300 mA Sensitivity type

Pulse-current sensitive Impulse withstand current 3 kA (8/20 us) surge-proof Type FRCdM

Residual current circuit-breakers, digital

Type G/A (ÖVE E 8601)

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 80 A (max. admissible back-up fuse) Leakage current type A Rated residual making and breaking capacity 800 A Admissible back-up fuse 80 A gG/gL 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 196 V AC - 456 V AC Pollution degree 2 Lifespan, electrical 4000 operations

Technical data - electrical - dry auxiliary contact

Rated switching capa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCDM-80/4/03-G/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.