

INDUSTRIAL COMPONENT DATA

FRCDM-80/4/03-G/F EP-501279 Y7-501279 EATON ELECTRIC RCCB, 80A, 4p, 300mA, Type G/F

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



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-80/4/03-G/F
Catalog number	Y7-501279
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-1E351B93BC
Generated	2026-08-06

Product Overview

RCCB, 80A, 4p, 300mA, Type G/F

Eaton Moeller series xEffect - FRCdM Type B, B+, Bfq RCCB, 80A, 4p, 300mA, Type G/F

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, Type G/F; 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 EP-501279 Model Code FRCDM-80/4/03-G/F EAN 9010653039174 Product Length/Depth 80 mm Product Height 80 mm Product Width 70 mm Product Weight 0.32 kg Compliances RoHS conform Certifications CE Delivery program

Application xEffect - Switchgear for industrial and advanced commercial applications Number of poles Four-pole Tripping time 10 ms delayed

Short time-delayed Amperage Rating 80 A Rated short-circuit strength 10 kA Fault current rating 0.3 A Type Residual current circuit-breakers, Digital, Type G/F (ÖVE E 8601) Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Voltage rating - min 196 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 300 mA Frequency rating 50 Hz Short-circuit rating 80 A (max. admissible back-up fuse) Leakage current type F 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 (I_{cw}) 10 kA Surge current capacity 3 kA 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 switching capacity (resistive load) of auxiliary contact at 240 V AC 0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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