

INDUSTRIAL COMPONENT DATA

FRCDM-80/4/01-G/A EP-501275 Y7-501275 EATON ELECTRIC RCCB, 80A, 4p, 100mA, Type G/A

Brand: EATON - MOELLER | Manufacturer Part Number: FRCDM-80/4/01-G/A



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-80/4/01-G/A
Catalog number	Y7-501275
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-ADBD7E98ED
Generated	2026-08-05

Product Overview

RCCB, 80A, 4p, 100mA, 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: 0.1 A, Type G/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

RCCB, 80A, 4p, 100mA, 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: 0.1 A, Type G/A; Switchgear for industrial and advanced commercial applications

General specifications
Product name Eaton Moeller series xEffect - FRCDM Type B, B+, Bfq RCCB
Part no. FRCDM-80/4/01-G/A
EAN 9010653039129
Product Length/Depth 80 millimetre
Product height 80 millimetre
Product width 70 millimetre
Product weight 0.32 kilogram
Certifications CE
Product Tradename xEffect - FRCDM Type B, B+, Bfq
Product Type RCCB
Product Sub Type None
Globally Marketable Yes
Delivery program Application
Switchgear for industrial and advanced commercial applications
Number of poles Four-pole
Tripping time 10 ms delayed
Short time-delayed
Amperage Rating 63 A
Rated short-circuit strength 10 kA
Fault current rating 0.1 A
Type Residual current circuit-breakers, Digital, Type G/F (ÖVE E 8601)
Technical Data - Electrical
Voltage rating (IEC/EN 60947-2) 240/415
Voltage rating - min 196
Voltage rating - max 264
Rated operational voltage (Ue) - max 415 V
Rated insulation voltage (Ui) 440 V
Rated impulse withstand voltage (Uimp) 4 kV
Rated fault current - min 100 mA
Frequency rating 50/60 Hz
Short-circuit rating 80 A (max. admissible back-up fuse)
Leakage current type FR
Rated residual making and breaking capacity 800 A
Admissible

back-up fuse overload - max80 A gG/gLRated short-time withstand current (Icw)10 kASurge current capacity3 kAPollution degree2Lifespan, electrica...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCDM-80/4/01-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.