

INDUSTRIAL COMPONENT DATA

FRCMM-40/4/003-G/F 187409 Y7-187409 EATON ELECTRIC
Residual current circuit breaker (RCCB), 40A, 4p, 30mA, t..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-40/4/003-G/F



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-40/4/003-G/F
Catalog number	Y7-187409
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-7117E255DF
Generated	2026-08-06

Product Overview

Residual current circuit breaker (RCCB), 40A, 4p, 30mA, type G/F

FRCMM-40/4/003-G/F

Eaton Moeller series xEffect - FRCmM Type F RCCB. Residual current circuit breaker (RCCB), 40A, 4p, 30mA, type G/F

Full range of compact residual current circuit-breaker models for a wide variety of applications, for fault and additional protection, large amount of available rated operational currents, comprehensive range of accessories, true contact position indicator, automatic reclosing possible, suitable for use outdoors (building and outdoor distribution boards) at temperatures as low as -25 °C

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 - Tertiary and Differential

Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - FRCmM Type F RCCB Catalog Number 187409 Model Code FRCMM-40/4/003-G/F EAN 4015081824670 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.373 kg Compliances RoHS conform Certifications IEC/EN 62423 EN45545-2

IEC 61373

IEC/EN 61008 Delivery program

Application Number of poles Four-pole Tripping time 10 ms delayed Amperage Rating 40 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 30 mA Sensitivity type Pulse-current sensitive Impulse withstand current 3 kA

(8/20 us) surge-proof Type Current test marks as per inscription

Maximum operating temperature is 75 °C: Starting at 40 °C, the max. permissible continuous current decreases by 2.5% for every 1 °C

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Rated operational voltage (Ue) - max 240 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Rated fault current - min 0.03 A Rated fault current - max 0.03 A Frequency rating 50 Hz / 60 Hz Short-circuit rating 63 A (max. admissible back-up fuse) Leakage current type Other Rated residual making and breaking capacity 500 A Admissible back-up fuse overload - max 40 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge current capacity 3 kA Test circuit range 184 V AC - 440 V AC Pollution degree 2 Radiation resistance Frequency mix (10 Hz, 50 Hz, 1000 Hz) enhanced sensitivity Lifespan, electr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-40/4/003-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.