

INDUSTRIAL COMPONENT DATA

FRCMM-125/4/003 187814 Y7-187814 EATON ELECTRIC

Residual current circuit breaker (RCCB), 125A, 4p, 30mA, typ..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-125/4/003



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-125/4/003
Catalog number	Y7-187814
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-0B22CF6FB9
Generated	2026-08-06

Product Overview

Residual current circuit breaker (RCCB), 125A, 4p, 30mA, type AC

FRCMM-125/4/003

Eaton Moeller series xEffect - FRCmM-125 Type A RCCB. Residual current circuit breaker (RCCB), 125A, 4p, 30mA, type AC

Residual current circuit-breaker, 4 pole, Rated current I_n : , Rated short-circuit strength I_{cn} : 10 with back-up fuse kA, Rated fault current $I_{?N}$: 0.03 A

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 - FRCmM-125 Type A RCCB Catalog Number 187814 Model Code FRCMM-125/4/003 EAN 4015081854981 Product Length/Depth 90 mm Product Height 80 mm Product Width 75 mm Product Weight 0.27 kg Compliances RoHS conform Certifications IEC/EN 61008 Delivery program

Application Number of poles Four-pole Tripping time Non-delayed Amperage Rating 125 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 30 mA Sensitivity type AC current sensitive Impulse withstand current Partly surge-proof 250 A

250 A (8/20 us) surge-proof Type FRCmM-125

Residual current circuit breakers

Type AC

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 Short-circuit rating 125 A (max. admissible back-up fuse) Leakage current type AC Rated residual making and breaking capacity 1250 A Admissible back-up fuse overload - max 80 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge current capacity 0.25 kA Test circuit range 184 V AC - 440 V AC Pollution degree 2 Lifespan, electrical 4000 operations

Technical data - mechanical

Frame 45 mm Width in number of modular spacings 4 Built-in width (number of units) 70 mm (4 SU) Built-in depth 77.5 mm Mounting Method Quick attachment for DIN-rail E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-125/4/003 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.