

INDUSTRIAL COMPONENT DATA

FRCMM-80/4/003-110 180601 Y7-180601 EATON ELECTRIC
Residual current circuit breaker (RCCB), 80A, 4p, 30mA, t..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/4/003-110



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-80/4/003-110
Catalog number	Y7-180601
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-895EF5D0D8
Generated	2026-08-05

Product Overview

Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type AC, 110V

FRCMM-80/4/003-110

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type AC, 110V

Mains voltage-independent residual current circuit-breaker for fault protection and additional protection, 80A, 4p, 30 mA, type AC, 110V

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 Type AC, A, U, R RCCB Catalog Number 180601 Model Code FRCMM-80/4/003-110 EAN 4015081757664 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.386 kg Compliances RoHS conform Certifications IEC/EN 61008 EN45545-2

IEC 61373 Delivery program

Application Number of poles Four-pole Tripping time Non-delayed Amperage Rating 80 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 30 mA Sensitivity type AC current sensitive Impulse withstand current 250 A (8/20 us) surge-proof

Partly surge-proof 250 A Type FRCmM

Residual current circuit breakers

Type AC

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 110/190 V Rated operational voltage (Ue) - max 110 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 80 A (max. admissible back-up fuse) Leakage current type AC Rated residual making and breaking capacity 800 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 94 V AC - 121 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 70.5 mm

Mounting Method DIN rail

Quick att...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/4/003-110 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.