

INDUSTRIAL COMPONENT DATA

FRCMM-80/2/03 180778 Y7-180778 EATON ELECTRIC Residual current circuit breaker (RCCB), 80A, 2p, 300mA, type ..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/2/03



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-80/2/03
Catalog number	Y7-180778
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-5DD14B2769
Generated	2026-08-06

Product Overview

Residual current circuit breaker (RCCB), 80A, 2p, 300mA, type AC

FRCMM-80/2/03

Eaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCB. Mains voltage-independent residual current circuit-breaker for fault protection and additional protection, 80A, 2p, 300 mA, type AC

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 180778 Model Code FRCMM-80/2/03 EAN 4015081759460 Product Length/Depth 80 mm Product Height 76 mm Product Width 35 mm Product Weight 0.202 kg Compliances RoHS conform Certifications IEC/EN 61008 EN45545-2

IEC 61373 Delivery program

Application Number of poles Two-pole Tripping time Non-delayed Amperage Rating 80 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 300 mA Sensitivity type AC current sensitive Impulse withstand current Partly surge-proof 250 A

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

Residual current circuit breakers

Type AC

Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 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 0.3 A Rated fault current - max 0.3 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 184 V AC - 250 V AC Pollution degree 2 Lifespan, electrical 4000
operations

Technical data - mechanical

Frame 45 mm Width in number of modular spacings 2 Built-in width (number of units) 35 mm (2 SU) Built-in depth 70.5 mm
Mounting Method Quick attachment with 2 la...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/2/03 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.