

INDUSTRIAL COMPONENT DATA

FRCMM-80/2/01-S/F 187393 Y7-187393 EATON ELECTRIC

Residual current circuit breaker (RCCB), 80A, 2p, 100mA, t..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/2/01-S/F



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-80/2/01-S/F
Catalog number	Y7-187393
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-5BA38FFBB7
Generated	2026-08-06

Product Overview

Residual current circuit breaker (RCCB), 80A, 2p, 100mA, type S/F

FRCMM-80/2/01-S/F

Eaton Moeller series xEffect - FRCmM Type F RCCB. Residual current circuit breaker (RCCB), 80A, 2p, 100mA, type S/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 - Industrial

Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - FRCmM Type F RCCB Catalog Number 187393 Model Code FRCMM-80/2/01-S/F EAN 4015081824519 Product Length/Depth 80 mm Product Height 76 mm Product Width 35 mm Product Weight 0.202 kg Compliances RoHS conform Certifications IEC/EN 62423 EN45545-2

IEC 61373

IEC/EN 61008 Delivery program

Application Number of poles Two-pole Tripping time 40 ms delayed - selective switch off

Selective switch off Amperage Rating 80 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 100 mA

Sensitivity type Pulse-current sensitive Impulse withstand current 5 kA (8/20 us) surge-proof Type FRCmM

Residual current circuit breakers

Type S/F

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 0.1 A Rated fault current - max 0.1 A Frequency
rating 50 Hz / 60 Hz Short-circuit rating 80 A (max. admissible back-up fuse) Leakage current type Other 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 5 kA Test circuit range 184 V AC - 250 V AC Pollution degree 2 Radiation
resistance Frequency mix (10 Hz, 50 Hz, 1000 Hz) enhanced sensitivity Lifespan, electrical 4000 operations Technical data
- mechanical

Frame 45 mm Width in number of modular spa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/2/01-S/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.