

INDUSTRIAL COMPONENT DATA

FRCMM-80/4/03-U 170466 EATON ELECTRIC Digital residual current circuit-breaker, 63A, 4p, 300mA, type U

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-80/4/03-U



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-80/4/03-U
Catalog number	170466
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
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Product Overview

Digital residual current circuit-breaker, 63A, 4p, 300mA, type U

Int. differential FRCMM, 80A, 4p, 300mA, class U

Residual current circuit breaker (RCCB), 80A, 4p, 300mA, type U

Residual current circuit-breaker FRCmM, 4 pole, Rated current I_n: 80 A, Rated short-circuit strength I_{cn}: 10 with back-up fuse kA, Rated fault current I_ΔN: 0.3 A, Residual current circuit-breaker - frequency converter-proof

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 170466 Model Code

FRCMM-80/4/03-U EAN 4015081669509 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm

Product Weight 0.371 kg Compliances RoHS conform Certifications IEC/EN 61008 Delivery program

Application Residual current circuit breaker - frequency converter-proof Number of poles Four-pole Tripping time Selective switch off

40 ms delayed - selective switch off Amperage Rating 80 A Rated short-circuit strength 10 kA with back-up fuse Fault current rating 300 mA Sensitivity type Pulse-current sensitive Impulse withstand current 5 kA (8/20 us) surge-proof Type Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Rated operational voltage (U_e) - max 415 V Rated insulation voltage (U_i) 440 V Rated impulse withstand voltage (U_{imp}) 4 kV

4 kV (1.2/50 μ s) Rated fault current - min 0.3 A Rated fault current - max 0.3 A Frequency rating 50 Hz / 60 Hz
50 Hz Short-circuit rating 80 A (max. admissible back-up fuse) Leakage current type A 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 196 V AC - 456 V AC Pollution degree 2 Radiation resistance Suitable for variable
frequency drives (enhanced sensitivity) Lifespan, electrical 4000 operations Technical data - mechanical
Frame 45 mm Width in....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-80/4/03-U with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

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requirements against the manufacturer documentation before purchase or installation.