

INDUSTRIAL COMPONENT DATA

FRCMM-80/4/003-U 170456 EATON ELECTRIC Circuit breaker, 80A, 4p, 30mA, class Or

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



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-80/4/003-U
Catalog number	170456
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-D75EFF1B8B
Generated	2026-08-06

Product Overview

Circuit breaker, 80A, 4p, 30mA, class Or

Int. differential FRCMM, 80A, 4p, 30mA, class U

Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type U

Residual current circuit-breaker FRCmM, 4 pole, Rated current In: 80 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I?N: 0.03 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

Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type U
Residual current circuit-breaker FRCmM, 4 pole, Rated current In: 80 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I?N: 0.03 A, Residual current circuit-breaker - frequency converter-proof
Delivery program
Basic function
Residual current circuit-breakers
Number of poles 4 pole
Application
Residual current circuit-breaker - frequency converter-proof
Rated current [In] 80 A
Rated short-circuit strength [Icn] 10 with back-up fuse kA
Rated fault current [I?N] 0.03 A
Type
Type U
Tripping
Short time-delayed s...
Product range
FRCmM
Sensitivity
pulse-current sensitive, suitable for variable frequency drives
Impulse withstand current
Surge-proof, 3 kA
Contact sequence
Technical data
Electrical
Types conform to IEC/EN 61008
Current test marks
As per inscription
Tripping 10 ms delayed s...
Rated voltage according to IEC/EN 60947-2 [Un] 240/415 V AC
Rated frequency [f] 50/60 Hz
Limit values of the operating voltage
Test circuit 196 - 264 V AC
Rated fault current [I?n] 30 mA
Sensitivity
pulse-current sensitive, suitable for variable frequency drives
Enhanced sensitivity
Suitable for variable frequency drives
Rated insulation voltage [Ui] 440 V
Rated impulse withstand

voltage [Uimp]4 (1.2/50us) kVRated short-circuit strength [Icn]10 with back-up fuse kAImpulse withstand current3 kA (8/20 us) surge-proofMax. admissible back-up fuseShort-circuit [gG/gL]80 AMax. admissible back-up fuseOverload [gG/gL]80 ARated making and breaking capacity / Ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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