

INDUSTRIAL COMPONENT DATA

FRCMM-100/4/003-U 170457 EATON ELECTRIC Circuit breaker, 100A, 4p, 30mA, class Or

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-100/4/003-U



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-100/4/003-U
Catalog number	170457
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
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Product Overview

Circuit breaker, 100A, 4p, 30mA, class Or

Int. differential FRCMM, 100A, 4p, 30mA, class U

Residual current circuit breaker (RCCB), 100A, 4p, 30mA, type U

Residual current circuit-breaker FRCmM, 4 pole, Rated current In: 100 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), 100A, 4p, 30mA, type U
Residual current circuit-breaker FRCmM, 4 pole, Rated current In: 100 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] 100 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
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
Enhanced sensitivity Suitable for variable frequency drives
Rated insulation voltage [Ui] 440 V
Rated impulse withstand voltage [Uimp] 4 (1.2/50us) kV
Rated

short-circuit strength [I_{cn}]10 with back-up fuse kAImpulse withstand current3 kA (8/20 us) surge-proofMax. admissible
back-up fuseShort-circuit [gG/gL]100 AMax. admissible back-up fuseOverload [gG/gL]80 ARated making and breaking
capacity / Rated residual making and breaking capacity [I_m/ I_m]1000 AlifespanElectrical....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-100/4/003-U with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

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Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.