

INDUSTRIAL COMPONENT DATA

FRCMM-100/4/03-S 170329 Y7-170329 EATON ELECTRIC

Residual-current circuit breaker trip block for PLS. 40A, 4..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-100/4/03-S



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-100/4/03-S
Catalog number	Y7-170329
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-3CFC87958A
Generated	2026-08-06

Product Overview

Residual-current circuit breaker trip block for PLS. 40A, 4 p, 300mA, type S/A

FRCMM-100/4/03-S

Residual current circuit breaker (RCCB), 100A, 4p, 300mA, type S

Residual current circuit-breaker FRCmM, 4 pole, Rated current I_n : 100 A, Rated short-circuit strength I_{cn} : 10 with back-up fuse kA, Rated fault current I_f : 0.3 A, Switchgear for industrial and advanced commercial applications

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, 300mA, type SResidual current circuit-breaker FRCmM, 4 pole, Rated current I_n : 100 A, Rated short-circuit strength I_{cn} : 10 with back-up fuse kA, Rated fault current I_f : 0.3 A, Switchgear for industrial and advanced commercial applications

General specificationsProduct nameEaton Moeller series xEffect - FRCmM Type AC, A, U, R RCCBPart no.FRCMM-100/4/03-SEAN4015081668250Product Length/Depth80 millimetreProduct height76 millimetreProduct width70 millimetreProduct weight0.371 kilogramCompliancesRoHS conformCertificationsIEC/EN 61008 EN45545-2

IEC 61373Product TradenamexEffect - FRCmM Type AC, A, U, RProduct TypeRCCBProduct Sub TypeNoneDelivery programApplicationSwitchgear for industrial and advanced commercial applications xEffect - Switchgear for industrial and advanced commercial applicationsNumber of polesFour-poleTripping timeSelective switch off

40 ms delayed - selective switch off
Amperage Rating 100 A
Rated short-circuit strength 10 kA with back-up fuse
Fault current rating 300 mA
Sensitivity type AC current sensitive
Impulse withstand current 5 kA (8/20 us) surge-proof
Type FRCmM

Residual current circuit breakers

Type S
Technical Data - Electrical
Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC
Rated operational voltage (Ue) - max 415 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 / 60 Hz
Short-circuit rating 100 A (max. adm...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-100/4/03-S 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.