

INDUSTRIAL COMPONENT DATA

FRBDM-C6/1N/001-G/A 168252 Y7-168252 EATON ELECTRIC RCD/MCB combination switch, 6A, 10mA, miniature circuit-..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBDM-C6/1N/001-G/A



Manufacturer	EATON - MOELLER
MPN / Reference	FRBDM-C6/1N/001-G/A
Catalog number	Y7-168252
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-E6DF615437
Generated	2026-08-04

Product Overview

RCD/MCB combination switch, 6A, 10mA, miniature circuit-br. type C trip characteristic, 1-phase+N, residual current circuit-br. trip characteristic: A

FRBDM-C6/1N/001-G/A

Eaton Moeller series xEffect - FRBdM RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 6A, 10mA, MCB trip type C, 1-phase+N, RCCB trip type: A

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 - FRBdM RCBO - residual-current circuit breaker with overcurrent protection

Catalog Number 168252 Model Code FRBDM-C6/1N/001-G/A EAN 4015081648320 Product Length/Depth 86 mm Product Height 75 mm Product Width 37 mm Product Weight 0.25 kg Compliances CE Marked

RoHS conform Certifications CE Delivery Program

Basic function Combined RCD/MCB devices Number of poles Single-pole + N Tripping Short time-delayed Tripping characteristic C Application Switchgear for industrial and advanced commercial applications Rated switching capacity (IEC/EN 61009) 10 kA Type RCBO Product range FRBdM Impulse withstand current Surge-proof, 3 kA Technical Data - Electrical

Rated operational voltage (Ue) - max 240 V Sensitivity type Pulse-current sensitive Rated current 6 A Technical Data

Number of poles (total) 2 Number of poles (protected) 1 Rated impulse withstand voltage (Uimp) 4 kV Leakage current type

A Current limiting class 3 Rated short-circuit breaking capacity (EN 61009) 10 kA Rated short-circuit breaking capacity (EN 61009-1) 10 kA Rated short-circuit breaking capacity (EN 60947-2) 0 kA Disconnection characteristic Short-time delayed Surge current capacity 3 kA Voltage type AC Release characteristic C Overvoltage category III Pollution degree 2

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBDM-C6/1N/001-G/A 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.