

INDUSTRIAL COMPONENT DATA

FRBDM-C16/1N/001-G/A 168255 Y7-168255 EATON ELECTRIC RCD/MCB comb. switch, 16A, 10mA, miniature circuit-br. ..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBDM-C16/1N/001-G/A



Manufacturer	EATON - MOELLER
MPN / Reference	FRBDM-C16/1N/001-G/A
Catalog number	Y7-168255
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-3ED484DBC4
Generated	2026-08-05

Product Overview

RCD/MCB comb. switch, 16A, 10mA, miniature circuit-br. type C trip characteristic, 1-phase+N, residual current circuit-br. trip characteristic: A

FRBDM-C16/1N/001-G/A

Eaton Moeller series xEffect - FRBdM RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 10mA, MCB trip type C, 1-phase+N, RCCB trip type: A

High-quality residual current device/miniature circuit breaker combination, line voltage-dependent, contact position indicator red - green, terminal rear plug protection, tri-stable slide catch - enables removal from existing busbar system, comprehensive range of accessories suitable for subsequent installation, wide range of rated fault currents, rated operational currents up to 40 A, tripping characteristics B, C, D, rated breaking capacity 10 kA, suitable for outdoor use (on-site power and outdoor distribution board) up to -25 °C

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 168255 Model Code FRBDM-C16/1N/001-G/A EAN 4015081648351 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 16 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 ETIM for 168255 Circuit breakers and fuses (EC000905)

Feature Name

Feature Value

Number of poles (total) (EF008618)

2

Number of protected poles (EF005548)

1

Rated voltage (EF000228)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBDM-C16/1N/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.