

## INDUSTRIAL COMPONENT DATA

**FRBDM-D16/1N/003-G/A 168276 Y7-168276 EATON ELECTRIC RCD/MCB comb. switch, 16A, 30mA, miniature circuit-br. ..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBDM-D16/1N/003-G/A



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | EATON - MOELLER               |
| MPN / Reference | FRBDM-D16/1N/003-G/A          |
| Catalog number  | Y7-168276                     |
| Category        | Earth leakage circuit breaker |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-02FE7D4E63                 |
| Generated       | 2026-08-05                    |

**Product Overview**

RCD/MCB comb. switch, 16A, 30mA, miniature circuit-br. type D trip characteristic, 1-phase+N, residual current circuit-br. trip characteristic: A

FRBDM-D16/1N/003-G/A

Eaton Moeller series xEffect - FRBdM RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 30mA, MCB trip type D, 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 168276 Model Code FRBDM-D16/1N/003-G/A EAN 4015081648085 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 D 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 D Overvoltage category III Pollution degree 2 ETIM for 168276 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-D16/1N/003-G/A with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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