

INDUSTRIAL COMPONENT DATA

FRBMM-D16/1N/003-A-RT 305148 Y7-305148 EATON ELECTRIC Combined Int. FRBMM, 16A, 30mA, D Curve, 1P+N, Class A..

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-D16/1N/003-A-RT



Manufacturer	EATON - MOELLER
MPN / Reference	FRBMM-D16/1N/003-A-RT
Catalog number	Y7-305148
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-A969A49F6D
Generated	2026-08-06

Product Overview

Combined Int. FRBMM, 16A, 30mA, D Curve, 1P+N, Class A Ring Terminal
FRBMM-D16/1N/003-A-RT. RCD/MCB, 16A, 30mA, miniature circuit-breaker trip curve: D, 1pole+N, residual current
circuit-breaker trip characteristic: 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 - Tertiary and Differential
--------------	--

Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - FRBm6/M RCBO - residual-current circuit breaker with overcurrent protection

Catalog Number 305148 Model Code FRBMM-D16/1N/003-A-RT EAN 9010238988507 Product Length/Depth 75.5 mm

Product Height 84.5 mm Product Width 35.4 mm Product Weight 0.193 kg Certifications EN45545-2

IEC 61373 Delivery programme

Number of poles (protected) 1 Number of poles (total) 2 Release characteristic D Amperage Rating 32 A Rated current 16 A

Fault current rating 0.03 A Technical data - electrical

Voltage type AC Rated operational voltage (Ue) - max 240 V Rated insulation voltage (Ui) 500 V Rated impulse withstand

voltage (Uimp) 4 kV Frequency rating 50 Hz Leakage current type A Rated switching capacity (IEC/EN 60947-2) 15 kA

Rated short-circuit breaking capacity (EN 60947-2) 15 kA Rated short-circuit breaking capacity (EN 61009) 10 kA Rated

short-circuit breaking capacity (EN 61009-1) 10 kA Rated short-circuit breaking capacity (IEC 60947-2) 15 kA Surge current

capacity 0.25 kA Disconnection characteristic Undelayed Overvoltage category III Pollution degree 2 Technical data - mechanical

Width in number of modular spacings 2 Built-in depth 75.5 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 1 mm² Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verificati...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-D16/1N/003-A-RT 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.