

INDUSTRIAL COMPONENT DATA

**FRBMM-B40/1N/03-A-RT 305180 Y7-305180 EATON ELECTRIC
Combined Int. FRBMM, 40A, 300mA, B-Curve, 1P+N, Class A..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBMM-B40/1N/03-A-RT



Manufacturer	EATON - MOELLER
MPN / Reference	FRBMM-B40/1N/03-A-RT
Catalog number	Y7-305180
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-5F1F3A1926
Generated	2026-08-06

Product Overview

Combined Int. FRBMM, 40A, 300mA, B-Curve, 1P+N, Class A Terminal

FRBMM-B40/1N/03-A-RT. RCD/MCB, 40A, 300mA, miniature circuit-breaker trip curve: B, 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 305180 Model Code FRBMM-B40/1N/03-A-RT EAN 9010238988736 Product Length/Depth 75.5 mm

Product Height 84.5 mm Product Width 35.4 mm Product Weight 0.21 kg Compliances RoHS conform Certifications EN45545-2

IEC 61373 Delivery programme

Number of poles (protected) 1 Number of poles (total) 2 Release characteristic B Amperage Rating 2 A Rated current 40 A

Fault current rating 0.3 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) 10 kA

Rated short-circuit breaking capacity (EN 60947-2) 10 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) 10 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBMM-B40/1N/03-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.