

INDUSTRIAL COMPONENT DATA

**FRBM6-C25/2/003 177884 Y7-177884 EATON ELECTRIC
RCD/MCB combination switch, 25A, 30mA, miniature
circuit-bre..**

Brand: EATON - MOELLER | Manufacturer Part Number: FRBM6-C25/2/003



Manufacturer	EATON - MOELLER
MPN / Reference	FRBM6-C25/2/003
Catalog number	Y7-177884
Category	Earth leakage circuit breaker
Minimum order	1 Pcs
Document ID	EO-CF8544F188
Generated	2026-08-05

Product Overview

RCD/MCB combination switch, 25A, 30mA, miniature circuit-breaker type C trip characteristic, 2 p, residual current circuit-breaker trip characteristic: AC

FRBM6-C25/2/003

Eaton Moeller series xEffect - FRBM6/M RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 25A, 30mA, MCB trip type C, 2 p, RCCB trip type: AC

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 177884 Model Code FRBM6-C25/2/003 EAN 4015081724574 Product Length/Depth 80 mm Product

Height 75 mm Product Width 35 mm Product Weight 0.236 kg Compliances CE Marked

RoHS conform Certifications CE

EN45545-2

IEC 61373 Delivery programme

Application Switchgear for industrial and advanced commercial applications Basic function Combined RCD/MCB devices

Number of poles Two-pole Number of poles (protected) 2 Number of poles (total) 2 Release characteristic C Rated current

25 A Fault current rating 0.03 A Type RCBO Technical data - electrical

Voltage type AC Voltage rating 240 V - 240 V 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 AC Rated short-circuit breaking capacity (EN 60947-2) 0 kA Rated short-circuit breaking capacity (EN 61009) 6 kA Rated short-circuit breaking capacity (EN 61009-1) 6 kA Rated short-circuit breaking capacity (IEC 60947-2) 0 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 Connectab...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRBM6-C25/2/003 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.