

INDUSTRIAL COMPONENT DATA

FRCDM-40/4/003-G/B/60HZ 180421 Y7-180421 EATON
ELECTRIC Digital residual current circuit-breaker, 40A, 4p, 3..

Brand: EATON - MOELLER | Manufacturer Part Number: FRCDM-40/4/003-G/B/60HZ



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-40/4/003-G/B/60HZ
Catalog number	Y7-180421
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-89899D1FF2
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Product Overview

Digital residual current circuit-breaker, 40A, 4p, 30mA, type G/B, 60Hz

FRCDM-40/4/003-G/B/60HZ

Eaton Moeller series xEffect - FRCdM Type B, B+, Bfq RCCB, 40 A, 4p, 30 mA, type G/B, 60 Hz

AC/DC sensitive residual current circuit-breaker independent of grid voltage for fault and additional protection with additional digital functions; 40 A_x; 4p; 30 mA; type G/B; 60Hz

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 - FRCdM Type B, B+, Bfq RCCB

Catalog Number 180421

Model Code FRCDM-40/4/003-G/B/60HZ

EAN 4015081755752

Product Length/Depth 76 mm

Product Height 80 mm

Product Width 70 mm

Product Weight 0.318 kg

Compliances RoHS conform

Certifications EN45545-2

IEC 61373

IEC/EN 61008

IEC/EN 62423

ÖVE E 8601

Delivery program

Application xEffect - Switchgear for industrial and advanced commercial applications

Number of poles Four-pole

Amperage Rating 40 A

Rated short-circuit strength 10 kA

Fault current rating 30 mA

Sensitivity type All current sensitive

Type Current test marks as per inscription

Dry auxiliary contact: > 100,000 electrical switching operations per minute at 2 A 30 VDC resistive load

Dry auxiliary contact: > 5 x 100,000 electrical switching operations per minute at 1 A 30 VDC resistive load

Maximum operating temperature is 60 °C in accordance with the de-rating table

Technical Data - Electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC

Voltage rating - min 50 VAC

Voltage rating - max 456 VAC

Rated operational voltage (Ue) - max 415 V

Rated insulation voltage (Ui) 440 V

Rated impulse withstand voltage (Uimp) 4 kV

Rated fault current - min 0.03 A

Rated fault current - max 0.03 A

Frequency rating 50 Hz

Short-circuit rating 63 A (max. admissible back-up fuse)

Leakage current type B

Rated residual making and breaking capacity 500 A

Admissible back-up fuse 63 A gG/gL

Admissible back-up fuse overload - max 40....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCDM-40/4/003-G/B/60HZ 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

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