

INDUSTRIAL COMPONENT DATA

FRCDM-80/4/03-U 168642 EATON ELECTRIC Digital residual current circuit-breaker, 63A, 4p, 300mA, type U

Brand: EATON - MOELLER | Manufacturer Part Number: FRCDM-80/4/03-U



Manufacturer	EATON - MOELLER
MPN / Reference	FRCDM-80/4/03-U
Catalog number	168642
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
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Product Overview

Digital residual current circuit-breaker, 63A, 4p, 300mA, type U

Digital Differential Switch, 80A, 4p, 300mA, U Class

Residual current circuit-breaker FRCDM, 4 pole, Rated current In: 80 A, Rated short-circuit strength Icn: 10 with back-up fuse kA, Rated fault current I_N: 0.3 A, Residual current circuit-breaker - frequency converter-proof

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
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Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - FRCDM Type AC, A, U, R RCCB Catalog Number 168642 Model Code FRCDM-80/4/03-U EAN 4015081651399 Product Length/Depth 80 mm Product Height 71 mm Product Width 70 mm

Product Weight 0.32 kg Compliances RoHS conform Certifications IEC/EN 61008

EN45545-2

IEC 61373 Delivery program

Application xEffect - Switchgear for industrial and advanced commercial applications Number of poles Four-pole Tripping time Selective switch off

40 ms delayed - selective switch off Amperage Rating 80 A Rated short-circuit strength 10 kA Fault current rating 300 mA

Sensitivity type Pulse-current sensitive, suitable for variable frequency drives Impulse withstand current 5 kA (8/20 us)

surge-proof Type Technical data - electrical

Voltage rating (IEC/EN 60947-2) 240 V AC / 415 V AC Voltage rating - min 50 VAC Voltage rating - max 264 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 0.3 A Rated fault current - max 0.3 A Frequency rating 50 Hz Short-circuit rating 80 A (max.
admissible back-up fuse) Leakage current type A Rated residual making and breaking capacity 800 A Admissible back-up
fuse 80 A gG/gL Admissible back-up fuse overload - max 80 A gG/gL Rated short-time withstand current (Icw) 10 kA Surge
current capacity 5 kA Test circuit range 196 V AC - 456 V AC Pollution degree 2 Radiation resistance Suitable for variable
frequency dr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCDM-80/4/03-U with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

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requirements against the manufacturer documentation before purchase or installation.