

INDUSTRIAL COMPONENT DATA

FRCMM-100/4/05-G/F 187430 EATON ELECTRIC Residual current circuit breaker (RCCB), 100A, 4p, 500mA, type G/F

Brand: EATON - MOELLER | Manufacturer Part Number: FRCMM-100/4/05-G/F



Manufacturer	EATON - MOELLER
MPN / Reference	FRCMM-100/4/05-G/F
Catalog number	187430
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
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Product Overview

Residual current circuit breaker (RCCB), 100A, 4p, 500mA, type G/F

Full range of compact residual current circuit-breaker models for a wide variety of applications, for fault and additional protection, large amount of available rated operational currents, comprehensive range of accessories, true contact position indicator, automatic reclosing possible, suitable for use outdoors (building and outdoor distribution boards) at temperatures as low as -25 °C

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 - FRCmM Type F RCCB Catalog Number 187430 Model Code FRCMM-100/4/05-G/F EAN 4015081824885 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm Product Weight 0.381 kg Compliances RoHS conform Certifications IEC/EN 61008 IEC/EN 62423

ÖVE E 8601 Delivery program

Number of poles Four-pole Amperage Rating 100 A Fault current rating 500 mA Type Technical data - electrical
Rated operational voltage (Ue) - max 415 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Rated fault current - min 0.5 A Rated fault current - max 0.5 A Frequency rating 50 Hz / 60 Hz Short-circuit rating 100 A (max. admissible back-up fuse) Leakage current type F Rated short-time withstand current (Icw) 10 kA Surge current capacity 3 kA Pollution degree 2 Technical data - mechanical

Frame 45 mm Width in number of modular spacings 4 Built-in depth 70.5 mm Mounting Method DIN rail Degree of protection IP20 Status indication White / blue Terminals (top and bottom) Twin-purpose terminals Connectable conductor cross section (solid-core) - min 1.5 mm² Connectable conductor cross section (solid-core) - max 35 mm² Connectable conductor cross section (multi-wired) - min 1.5 mm² Connectable conductor cross section (multi-wired) - max 16 mm² Terminal protection Finger and hand touch safe, DGUV VS3, EN 50274 Contact position indicator color Red / green Design verification as per IEC/EN 61439 - technical data

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FRCMM-100/4/05-G/F 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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