

INDUSTRIAL COMPONENT DATA

PFIM-80/4/003-MW 235418 Y7-235418 EATON ELECTRIC

Residual current circuit breaker (RCCB), 80A, 4p, 30mA, typ..

Brand: EATON - MOELLER | Manufacturer Part Number: PFIM-80/4/003-MW



Manufacturer	EATON - MOELLER
MPN / Reference	PFIM-80/4/003-MW
Catalog number	Y7-235418
Category	Residual current circuit breaker (RCCB)
Minimum order	1 unit
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Product Overview

Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type AC

PFIM-80/4/003-MW

Eaton Moeller series xPole - PFIM Type AC, A, U, R RCCB. Residual current circuit breaker (RCCB), 80A, 4p, 30mA, type AC, MW

Residual current circuit-breaker PFIM, 4 pole, Rated current I_n : 80 A, Rated short-circuit strength I_{cn} : 10 kA, Rated fault current I_N : 0.03 A, Switchgear for residential and commercial applications

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Number of poles (EF001391)	4
Rated voltage (EF000228)	400 V
Rated current (EF000227)	80 A
Rated fault current (EF002358)	0.03 A
Rated insulation voltage U_i (EF001366)	440 V
Rated impulse withstand voltage U_{imp} (EF011980)	4 kV
Power loss (EF005387)	11.4 W
Mounting method (EF000003)	DIN rail
Leakage current type (EF002560)	AC
Selective protection (EF002561)	No
Short-time delayed tripping (EF003604)	No
Short-circuit breaking capacity (I_{cw}) (EF002562)	10 kA

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Surge current capacity (EF002564)	0.25 kA
Voltage type (EF000187)	AC
With interlocking device (EF007385)	Yes
Frequency (EF005455)	50 Hz
Additional equipment possible (EF008148)	Yes
Degree of protection (IP) (EF005474)	IP20
Width in number of modular spacings (EF002950)	4
Built-in depth (EF000218)	70.5 mm
Ambient temperature during operating (EF007515)	-25 °C
Pollution degree (EF002570)	2
Connectable conductor cross section multi-wired (EF007343)	1.5 mm²
Connectable conductor cross section solid-core (EF007337)	1.5 mm²
RAL-number (similar) (EF003882)	7035
Explosion-proof (EF004663)	No

Classification & Catalog Path

Catalog path	EATON - MOELLER > Modular Switchgear - Industrial
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Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - PFIM Type AC, A, U, R RCCB Catalog Number 235418 Model Code

PFIM-80/4/003-MW EAN 4015082354183 Product Length/Depth 80 mm Product Height 76 mm Product Width 70 mm

Product Weight 0.377 kg Compliances RoHS conform Certifications IEC/EN 61008 Delivery program

Application Number of poles Four-pole Tripping time Non-delayed Amperage Rating 80 A Rated short-circuit strength 10 kA

Fault current rating 30 mA Sensitivity type AC current sensitive Impulse withstand current Partly surge-proof 250 A Type PFIM

Residual current circuit breakers

Type AC

Technical data - electrical

Voltage rating 230 V AC / 400 V AC Rated operational voltage (Ue) - max 400 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 80 A (max. admissible back-up fuse) Leakage current type AC Rated residual making and breaking capacity 800 A Admissible back-up fuse overload - max 50 A gG/gL Rated short-time withstand curren...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PFIM-80/4/003-MW 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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