

INDUSTRIAL COMPONENT DATA

PFIM-80/4/03-MW 235420 Y7-235420 EATON ELECTRIC

Residual current circuit breaker (RCCB), 80A, 4p, 300mA, typ..

Brand: EATON - MOELLER | Manufacturer Part Number: PFIM-80/4/03-MW



Manufacturer	EATON - MOELLER
MPN / Reference	PFIM-80/4/03-MW
Catalog number	Y7-235420
Category	Residual current circuit breaker (RCCB)
Minimum order	1 unit
Document ID	EO-8ED92F8847
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Product Overview

Residual current circuit breaker (RCCB), 80A, 4p, 300mA, type AC

PFIM-80/4/03-MW

Eaton Moeller series xPole - PFIM Type AC, A, U, R RCCB. PFIM, 4 pole, In: 80 A, Icn: 10 kA, I?N: 0.3 A, Type AC, AC current sensitive, Partly surge-proof 250 A, residential and commercial

Residual current circuit-breaker PFIM, 4 pole, Rated current In: 80 A, Rated short-circuit strength Icn: 10 kA, Rated fault current I?N: 0.3 A, Type AC, AC current sensitive, Partly surge-proof 250 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)	0.3 A
Rated insulation voltage Ui (EF001366)	440 V
Rated impulse withstand voltage Uimp (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

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Short-circuit breaking capacity (I _{cn}) (EF002562)	10 kA
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 mm ²
Connectable conductor cross section solid-core (EF007337)	1.5 mm ²
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 235420

Model Code PFIM-80/4/03-MW

EAN 4015082354206

Product Length/Depth 76 mm

Product Height 80 mm

Product Width 70 mm

Product Weight 0.377 kg

Compliances RoHS conform

Certifications IEC/EN 61008

Delivery program

Application Residual current circuit breaker for residential and commercial applications

xPole - Switchgear for residential and commercial applications

Number of poles Four-pole

Tripping time Non-delayed

Amperage Rating 80 A

Rated short-circuit strength 10 kA
Fault current rating 300 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 0.3 A
Rated fault current - max 0.3 A
Frequency rating 50 Hz
Short-circuit rating 80 A (max. admissible back-up fuse)
Leakage current typ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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