

## 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                                  |
| Document ID     | EO-9745E28E69                           |
| Generated       | 2026-08-06                              |

## 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 |
|--------------|---------------------------------------------------|

## 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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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