

## INDUSTRIAL COMPONENT DATA

# PLSM-C50/3-MW 242479 Y7-242479 EATON ELECTRIC Over current switch, 50A, 3p, type C characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: PLSM-C50/3-MW



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | PLSM-C50/3-MW                   |
| Catalog number  | Y7-242479                       |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-5B441DAAA8                   |
| Generated       | 2026-08-04                      |

## Product Overview

Over current switch, 50A, 3p, type C characteristic

PLSM-C50/3-MW

Eaton Moeller series xPole - PLS6/M MCB. PLSM, 3-pole, tripping characteristic: C, rated current In: 50 A, rated switching capacity IEC/EN 60898-1: 10 kA

Miniature circuit breaker (MCB), PLSM, 3-pole, tripping characteristic: C, rated current In: 50 A, rated switching capacity according to IEC/EN 60898-1: 10 kA, Switchgear for residential and commercial applications

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

## Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - PLS6/M MCB Catalog Number 242479 Model Code PLSM-C50/3-MW EAN 4015082424794 Product Length/Depth 80 mm Product Height 75 mm Product Width 52.5 mm Product Weight 0.359 kg

Compliances RoHS conform Delivery program

Application Number of poles Three-pole Number of poles (total) 3 Number of poles (protected) 3 Tripping characteristic C Release characteristic C Amperage Rating 50 A Type Miniature circuit breaker

PLSM

Technical data - electrical

Voltage type AC Rated operational voltage (Ue) - max 400 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Frequency rating - min 50 Hz Frequency rating - max 60 Hz Rated switching capacity (IEC/EN

60898-1) 10 kA Rated short-circuit breaking capacity (EN 60898) at 230 V 10 kA Rated short-circuit breaking capacity (EN 60898) at 400 V 10 kA Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 0 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 0 kA Overvoltage category III Pollution degree 2 Technical data - mechanical Width in number of modular spacings 3 Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 1 mm<sup>2</sup> Connectable conductor cross section (solid-core) - max 25 mm<sup>2</sup> Connectable conductor cross section (multi-wired) - min 1 mm<sup>2</sup> Connectable conductor cross section (multi-wired) - max 25 mm<sup>2</sup> Design verification as per IEC/EN 61439 - technical data  
Rated operational curr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLSM-C50/3-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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