

## INDUSTRIAL COMPONENT DATA

# PLS6-C50/2-DC-MW 243140 Y7-243140 EATON ELECTRIC

## Over current switch, 50A, 2p, type C characteristic, DC

Brand: EATON - MOELLER | Manufacturer Part Number: PLS6-C50/2-DC-MW



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | PLS6-C50/2-DC-MW                |
| Catalog number  | Y7-243140                       |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-B73D5C0AD0                   |
| Generated       | 2026-08-02                      |

### Product Overview

Over current switch, 50A, 2p, type C characteristic, DC

PLS6-C50/2-DC-MW

Eaton Moeller series xPole - PLS6-DC MCB. PLS6, 2-pole, tripping characteristic: C, rated current In: 50 A, rated switching capacity acc. to IEC/EN 60947-2: 6 kA, Switchgear for DC applications

Miniature circuit breaker (MCB), PLS6, 2-pole, tripping characteristic: C, rated current In: 50 A, rated switching capacity acc. to IEC/EN 60947-2: 6 kA, Switchgear for DC 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-DC MCB Catalog Number 243140 Model Code PLS6-C50/2-DC-MW  
EAN 4015082431402 Product Length/Depth 85 mm Product Height 73 mm Product Width 35 mm Product Weight 0.24 kg  
Compliances RoHS conform Delivery program

Application Switchgear for DC applications Number of poles Two-pole Number of poles (total) 2 Number of poles (protected) 2 Tripping characteristic C Release characteristic C Amperage Rating 50 A Type Technical data - electrical  
Voltage type DC Rated operational voltage (Ue) - max 220 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Frequency rating - min 0 Hz Frequency rating - max 0 Hz Rated switching capacity (IEC/EN 60947-2) 6 kA Rated short-circuit breaking capacity (EN 60898) at 230 V 0 kA Rated short-circuit breaking capacity (EN 60898) at 400 V 0 kA Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rated short-circuit breaking capacity (IEC

60947-2) at 400 V 10 kA Overvoltage category III Pollution degree 2 Technical data - mechanical

Width in number of modular spacings 2 Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (multi-wired) - max 25 mm<sup>2</sup> Connectable conductor cross section (multi-wired) - min 1 mm<sup>2</sup> Connectable conductor cross section (solid-core) - min 1 mm<sup>2</sup> Connectable conductor cross section (solid-core) - max 25 mm<sup>2</sup> Design verification as per IEC/EN 61439 - technical data

Rated operational current...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLS6-C50/2-DC-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

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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