

INDUSTRIAL COMPONENT DATA

PLSM-B50/3-MW 242453 Y7-242453 EATON ELECTRIC Over current switch, 50A, 3p, type B characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: PLSM-B50/3-MW



Manufacturer	EATON - MOELLER
MPN / Reference	PLSM-B50/3-MW
Catalog number	Y7-242453
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-F607464E25
Generated	2026-08-03

Product Overview

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

PLSM-B50/3-MW

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

Miniature circuit breaker (MCB), PLSM, 3-pole, tripping characteristic: B, rated current I_n : 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 242453 Model Code PLSM-B50/3-MW EAN 4015082424534 Product Length/Depth 80 mm Product Height 75 mm Product Width 52.5 mm Product Weight 0.359 kg Complies RoHS conform Delivery program

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

PLSM

Technical data - electrical

Voltage type AC Rated operational voltage (U_e) - max 400 V Rated insulation voltage (U_i) 440 V Rated impulse withstand voltage (U_{imp}) 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 mm² Connectable conductor cross section (solid-core) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (multi-wired) - max 25 mm² Design verification as per IEC/EN 61439 - technical data
Rated operational curr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLSM-B50/3-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.