

INDUSTRIAL COMPONENT DATA

PLS6-C50-DC-MW 243127 Y7-243127 EATON ELECTRIC Over current switch, 50A, 1p, type C characteristic, DC

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



Manufacturer	EATON - MOELLER
MPN / Reference	PLS6-C50-DC-MW
Catalog number	Y7-243127
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-732A64F849
Generated	2026-08-04

Product Overview

Over current switch, 50A, 1p, type C characteristic, DC

PLS6-C50-DC-MW

Eaton Moeller series xPole - PLS6-DC MCB. PLS6, 1-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, 1-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 243127 Model Code PLS6-C50-DC-MW EAN 4015082431273 Product Length/Depth 85 mm Product Height 73 mm Product Width 17.5 mm Product Weight 0.12 kg

Compliances RoHS conform Delivery program

Application Switchgear for DC applications Number of poles Single-pole Number of poles (total) 1 Number of poles (protected) 1 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 1 Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (multi-wired) - max 25 mm² Connectable conductor cross section (multi-wired) - min 1 mm² Connectable conductor cross section (solid-core) - min 1 mm² Connectable conductor cross section (solid-core) - max 25 mm² Design verification as per IEC/EN 61439 - technical data

Rated operational curre...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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