

INDUSTRIAL COMPONENT DATA

PLS6-C50/2-MW 242885 Y7-242885 EATON ELECTRIC Over current switch, 50A, 2 p, type C characteristic

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



Manufacturer	EATON - MOELLER
MPN / Reference	PLS6-C50/2-MW
Catalog number	Y7-242885
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-BAF33153EC
Generated	2026-08-05

Product Overview

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

PLS6-C50/2-MW

Eaton Moeller series xPole - PLS6/M MCB. PLS6, 2-pole, tripping characteristic: C, rated current In: 50 A, rated switching capacity IEC/EN 60898-1: 6 kA

Miniature circuit breaker (MCB), PLS6, 2-pole, tripping characteristic: C, rated current In: 50 A, rated switching capacity according to IEC/EN 60898-1: 6 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 > Residential Switchgear
--------------	--

Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - PLS6/M MCB

Catalog Number 242885

Model Code PLS6-C50/2-MW

EAN 4015082428853

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 residential and commercial applications
xPole - Switchgear for residential and commercial 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 Miniature circuit breaker
PLS6
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) 6 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 (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 current for specified heat dissipation (In) 50 A
Heat dissipation per pole, current-dependent 0 W
Equipment heat dissipation, current-dependent 9.9 W
St...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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