

INDUSTRIAL COMPONENT DATA

PLSM-C1/4-MW 242597 EATON ELECTRIC Over current switch, 1A, 4p, type C characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: PLSM-C1/4-MW



Manufacturer	EATON - MOELLER
MPN / Reference	PLSM-C1/4-MW
Catalog number	242597
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-221636AEB9
Generated	2026-08-03

Product Overview

Over current switch, 1A, 4p, type C characteristic

PLSM-C1/4-MW

Miniature circuit breaker (MCB), 1 A, 4p, characteristic: C

Miniature circuit breaker (MCB), PLSM, 4 pole, tripping characteristic: C, rated current I_n : 1 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

Miniature circuit breaker (MCB), 1 A, 4p, characteristic: C
Miniature circuit breaker (MCB), PLSM, 4 pole, tripping characteristic: C, rated current I_n : 1 A, rated switching capacity according to IEC/EN 60898-1: 10 kA, Switchgear for residential and commercial applications

Delivery program
Basic function
Miniature circuit-breakers
Number of poles
4 pole
Tripping characteristic
C
Application
Switchgear for residential and commercial applications
Rated current [I_n]
1 A
Rated switching capacity according to IEC/EN 60898-1 [I_{cn}]
10 kA
Product range
PLSM
Technical data

Electrical
Rated switching capacity according to IEC/EN 60898-1 [I_{cn}]
10 kA
Design verification as per IEC/EN 61439

Technical data for design verification
Rated operational current for specified heat dissipation [I_n]
1 A
Heat dissipation per pole, current-dependent [P_{vid}]
0 W
Equipment heat dissipation, current-dependent [P_{vid}]
6.4 W
Static heat dissipation, non-current-dependent [P_{vs}]
0 W
Heat dissipation capacity [P_{diss}]
0 W
Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+75 °C
linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
IEC/EN 61439

design verification10.2 Strength of materials and parts10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to no...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLSM-C1/4-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.