

Specifications

Eaton 101342

Eaton Moeller series xPole - PLI MCB. PLI, 3-pole+N, tripping characteristic: C, rated current In: 16 A, rated switching capacity IEC/EN 60898-1: 10 kA

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PLI MCB
CATALOG NUMBER	101342
EAN	4015081012770
PRODUCT LENGTH/DEPTH	84 mm
PRODUCT HEIGHT	75.5 mm
PRODUCT WIDTH	70 mm
PRODUCT WEIGHT	0.394 kg
COMPLIANCES	RoHS conform
MODEL CODE	PLI-C16/3N

Delivery program

APPLICATION

- Switchgear for residential and commercial applications
- xPole - Switchgear for residential and commercial applications

NUMBER OF POLES	Three-pole + N
-----------------	----------------

NUMBER OF POLES (TOTAL)	4
-------------------------	---

NUMBER OF POLES (PROTECTED)	3
-----------------------------	---

TRIPPING CHARACTERISTIC	C
-------------------------	---

RELEASE CHARACTERISTIC	C
------------------------	---

AMPERAGE RATING	16 A
-----------------	------

TYPE

- Miniature circuit breaker
- PLI

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)	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 4

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

Additional information

CURRENT LIMITING CLASS 3

FEATURES Concurrently switching N-neutral
Additional equipment possible

SPECIAL FEATURES Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity

USED WITH Miniature circuit breaker PLI

Design verification as per IEC/EN 61439 - technical data

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) 16 A

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT 0 W

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT 7.2 W

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT 0 W

HEAT DISSIPATION CAPACITY 0 W

AMBIENT OPERATING TEMPERATURE - MIN -25 °C

AMBIENT OPERATING TEMPERATURE - MAX 75 °C

Resources

[eaton-xpole-pli-mcb-catalog-ca019072en-en-us.pdf](#)

CATALOGUES [eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf](#)

[eaton-xpole-accessories-ca019015en-en-us.pdf](#)

DECLARATIONS OF CONFORMITY [DA-DC-03_PLI](#)

DRAWINGS [eaton-xpole-pli-mcb-dimensions.jpg](#)

INSTALLATION INSTRUCTIONS [IL019073ZU](#)

[eaton-pli mcb 4p-drawing.dwg](#)

MCAD MODEL [eaton-pli mcb 4p-3d-model.stp](#)

PEP ECO-PASSPORT [EATO-00048-V01.01-EN](#)

WIRING DIAGRAMS [eaton-xpole-mmc4-6-m-mcb-wiring-diagram-004.jpg](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

