

Specifications

Eaton 101312

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

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PLI MCB
CATALOG NUMBER	101312
EAN	4015081012473
PRODUCT LENGTH/DEPTH	84 mm
PRODUCT HEIGHT	75.5 mm
PRODUCT WIDTH	52.5 mm
PRODUCT WEIGHT	0.303 kg
COMPLIANCES	RoHS conform
MODEL CODE	PLI-B10/3



Powering Business Worldwide

Delivery program

APPLICATION

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

NUMBER OF POLES	Three-pole
-----------------	------------

NUMBER OF POLES (TOTAL)	3
-------------------------	---

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

TRIPPING CHARACTERISTIC	B
-------------------------	---

RELEASE CHARACTERISTIC	B
------------------------	---

AMPERAGE RATING	10 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	3
--	---

BUILT-IN DEPTH	70.5 mm
-----------------------	---------

DEGREE OF PROTECTION	IP20
-----------------------------	------

CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²
---	-------------------

CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
---	--------------------

CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
--	-------------------

CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm ²
--	--------------------

Additional information

CURRENT LIMITING CLASS	3
-------------------------------	---

FEATURES	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)	10 A
--	------

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
---	-----

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	5.9 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-protective-devices-catalog-ca019014en-en-us.pdf](#)

CATALOGUES

[eaton-xpole-pli-mcb-catalog-ca019072en-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](#)

MCAD MODEL

[eaton-pli_mcb_3p-drawing.dwg](#)

[eaton-pli_mcb_3p-3d-model.stp](#)

PEP ECO-PASSPORT

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

WIRING DIAGRAMS

[eaton-xpole-mmc4-6-m-mcb-wiring-diagram-005.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.

