Specifications

Eaton 101254



Catalog Number: 101254

Eaton Moeller series xPole - PLI MCB. Miniature circuit breaker (MCB) with plug-in terminal, 6 A, 1p, characteristic: C

General specifications

Product Name	**Catalog Number**
Eaton Moeller series xPole - PLI MCB	101254
EAN	**Product Length/Depth**
4015081011896	84 mm
Product Height	**Product Width**
75.5 mm	17.5 mm
Product Weight	**Compliances**
0.107 kg	RoHS conform

Powering Business Worldwide

Product specifications

Used with

Miniature circuit breaker
PLI

Type

Miniature circuit breaker
PLI

Special features

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

Application

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

Amperage Rating

6 A

Features

Additional equipment possible

Pollution degree

2

Degree of protection

IP20

Equipment heat dissipation, current-dependent

1.5 W

Rated impulse withstand voltage (Uimp)

4 kV

Tripping characteristic

C

Ambient operating temperature - max

75 °C

Ambient operating temperature - min

-25 °C

Built-in depth

70.5 mm

Resources

Catalogs

eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf

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

mCAD model

eaton-pli_mcb_1p-3d-model.stp

eaton-pli_mcb_1p-drawing.dwg

PEP Eco-passport

EATO-00048-V01.01-EN

Wiring diagrams

eaton-xpole-mmc4-6-m-mcb-wiring-diagram-002.jpg

Connectable conductor cross section (multi-wired) - max

25 mm²

Connectable conductor cross section (multi-wired) - min

1 mm²

Connectable conductor cross section (solid-core) - max

25 mm²

Connectable conductor cross section (solid-core) - min

1 mm²

Current limiting class

3

Frequency rating - max

60 Hz

Frequency rating - min

50 Hz

Heat dissipation capacity

0 W

Heat dissipation per pole, current-dependent

0 W

Width in number of modular spacings

1

Voltage type

AC

Overvoltage category

III

Number of poles

Single-pole

Release characteristic

C

Number of poles (protected)

1

Number of poles (total)

1

Rated insulation voltage (Ui)

440 V

Rated operational current for specified heat dissipation (In)

6 A

Rated operational voltage (Ue) - max

230 V

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

Rated switching capacity (IEC/EN 60898-1)

10 kA

Static heat dissipation, non-current-dependent

0 W

Power loss

1.2 W

Powering Business Worldwide

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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia