Specifications

# Eaton 101279

## Catalog Number: 101279

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




### General specifications

| | |
|---|---|
| **Product Name** | **Catalog Number** |
| Eaton Moeller series xPole - PLI MCB | 101279 |
| **EAN** | **Product Length/Depth** |
| 4015081012145 | 84 mm |
| **Product Height** | **Product Width** |
| 75.5 mm | 35 mm |
| **Product Weight** | **Compliances** |
| 0.19 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

16 A

### Features

Additional equipment possible
Concurrently switching N-neutral

### Pollution degree

2

### Degree of protection

IP20

### Equipment heat dissipation, current-dependent

2.6 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-pli-mcb-catalog-ca019072en-en-us.pdf
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

### mCAD model

eaton-pli_mcb_2p-3d-model.stp
eaton-pli_mcb_2p-drawing.dwg

### PEP Eco-passport

EATO-00048-V01.01-EN

### Wiring diagrams

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

2

Voltage type

AC

Overvoltage category

III

Number of poles

Single-pole + N

Release characteristic

C

Number of poles (protected)

1

Number of poles (total)

2

Rated insulation voltage (Ui)

440 V

Rated operational current for specified heat dissipation (In)

16 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

2.7 W

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

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