

Eaton 101279

Catalog Number: 101279

Eaton Moeller series xPole - PLI MCB. PLI, 1-pole+N, tripping characteristic: C, rated current I_n : 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

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-mm4-6-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



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30 Pembroke Road
Dublin 4, Ireland
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