

Eaton 101255

Catalog Number: 101255

Eaton Moeller series xPole - PLI MCB. Miniature circuit breaker (MCB) with plug-in terminal, 8 A, 1p, characteristic: C

General specifications



Product Name	Catalog Number
Eaton Moeller series xPole - PLI MCB	101255
EAN	Product Length/Depth
4015081011902	84 mm
Product Height	Product Width
75.5 mm	17.5 mm
Product Weight	Compliances
0.108 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

8 A

Features

Additional equipment possible

Pollution degree

2

Degree of protection

IP20

Equipment heat dissipation, current-dependent

2.1 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](#)

mCAD model

[eaton-pli_mcb_1p-drawing.dwg](#)

[eaton-pli_mcb_1p-3d-model.stp](#)

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)

8 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

1.3 W



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