Specifications

Eaton 101283

Catalog Number: 101283

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



General specifications

Product Name	**Catalog Number**
Eaton Moeller series xPole - PLI MCB	101283
EAN	**Product Length/Depth**
4015081012183	84 mm
Product Height	**Product Width**
75.5 mm	35 mm
Product Weight	**Compliances**
0.197 kg	RoHS conform

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Product specifications

Used with

PLI

Miniature circuit breaker

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

Concurrently switching N-neutral

Pollution degree

2

Degree of protection

IP20

Equipment heat dissipation, current-dependent

1.5 W

Rated impulse withstand voltage (Uimp)

4 kV

Tripping characteristic

D

Ambient operating temperature - max

75 °C

Ambient operating temperature - min

-25 °C

Built-in depth

70.5 mm

Resources

Catalogs

eaton-xpole-accessories-ca019015en-en-us.pdf

eaton-xpole-pli-mcb-catalog-ca019072en-en-us.pdf

eaton-xpole-protective-devices-catalog-ca019014en-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

D

Number of poles (protected)

1

Number of poles (total)

2

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

1.4 W

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