Specifications

Eaton 236172



Catalog Number: 236172

Eaton Moeller series xPole - PXL MCB. PXL, 1-pole+N, tripping characteristic: C, rated current In: 50 A, rated switching capacity IEC/EN 60898-1: 10 kA

General specifications

Product Name	**Catalog Number**
Eaton Moeller series xPole - PXL MCB	236172
EAN	**Product Length/Depth**
4015082361723	80 mm
Product Height	**Product Width**
75 mm	35 mm
Product Weight	**Compliances**
0.234 kg	RoHS conform

Powering Business Worldwide

Product specifications

Used with

Miniature circuit breaker
PXL

Type

Miniature circuit breaker
PXL

Special features

Maximum operating temperature is 75 °C: Starting at 55 °C a 1 °C 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

50 A

Features

Additional equipment possible
Concurrently switching N-neutral

Pollution degree

2

Degree of protection

IP20

Rated impulse withstand voltage (Uimp)

4 kV

Tripping characteristic

C

Ambient operating temperature - max

55 °C

Ambient operating temperature - min

-25 °C

Built-in depth

70.5 mm

Connectable conductor cross section (multi-wired) - max

25 mm²

Resources

Declarations of conformity

DA-DC-03_PXL

eCAD model

DA-CE-ETN.PXL-C50_1N

Installation instructions

IL019140ZU

mCAD model

pls_2p.dwg

pls_2p.stp

PEP Eco-passport

EATO-00046-V01.01-EN

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)

50 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

5.3 W

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