

# Eaton 236406

Catalog Number: 236406

Eaton Moeller series xPole - PXL MCB. PXL, 3-pole, tripping characteristic: B, rated current  $I_n$ : 63 A, rated switching capacity IEC/EN 60898-1: 10 kA

### General specifications



Product Name	Catalog Number
Eaton Moeller series xPole - PXL MCB	236406
EAN	Product Length/Depth
4015082364069	80 mm
Product Height	Product Width
75 mm	52.5 mm
Product Weight	Compliances
0.359 kg	RoHS conform

## Product specifications

### 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

63 A

### Features

Additional equipment possible

#### 10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

#### 10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

#### 10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

#### 10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

#### 10.2.2 Corrosion resistance

Meets the product standard's requirements.

##### 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

##### 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

##### 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal

## Resources

### Declarations of conformity

[DA-DC-03\\_PXL](#)

### eCAD model

[DA-CE-ETN.PXL-B63\\_3](#)

### Installation instructions

[IL019140ZU](#)

### mCAD model

[pls\\_3p.stp](#)

[pls\\_3p.dwg](#)

### PEP Eco-passport

[EATO-00046-V01.01-EN](#)

#### elect. effects

Meets the product standard's requirements.

#### 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

#### 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.2.7 Inscriptions

Meets the product standard's requirements.

#### 10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

#### 10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

#### 10.8 Connections for external conductors

Is the panel builder's responsibility.

#### 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

#### 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

#### 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

#### Pollution degree

2

#### Degree of protection

IP20

#### Equipment heat dissipation, current-dependent

17.2 W

Rated impulse withstand voltage (Uimp)

4 kV

Tripping characteristic

B

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 mm<sup>2</sup>

Connectable conductor cross section (multi-wired) - min

1 mm<sup>2</sup>

Connectable conductor cross section (solid-core) - max

25 mm<sup>2</sup>

Connectable conductor cross section (solid-core) - min

1 mm<sup>2</sup>

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

3

Voltage type

AC

Overvoltage category

III

Number of poles

Three-pole

Release characteristic

B

Number of poles (protected)

3

Number of poles (total)

3

Rated insulation voltage (Ui)

440 V

Rated operational current for specified heat dissipation (In)

63 A

Rated operational voltage (Ue) - max

400 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

18.1 W