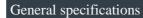
# Eaton 236346

# Catalog Number: 236346

Eaton Moeller series xPole - PXL MCB. PXL, 2-pole, tripping characteristic: D, rated current In: 25 A, rated switching capacity IEC/EN 60898-1: 10 kA



Product Name Catalog Number

Eaton Moeller series xPole - PXL MCB 236346

EAN Product Length/Depth

4015082363468 80 mm

Product Height Product Width

75 mm 35 mm

Product Weight Compliances
0.236 kg RoHS conform





# Product specifications

#### Used with

PXL

Miniature circuit breaker

### 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

25 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

### Resources

Declarations of conformity

DA-DC-03\_PXL

eCAD model

DA-CE-ETN.PXL-D25\_2

Installation instructions

IL019140ZU

mCAD model

pls\_2p.stp

pls\_2p.dwg

PEP Eco-passport

EATO-00046-V01.01-EN

#### normal heat

Meets the product standard's requirements.

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

Degree of protection IP20
Equipment heat dissipation, current-dependent 5.2 W
Rated impulse withstand voltage (Uimp) 4 kV
Tripping characteristic D
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 mm²
Connectable conductor cross section (solid-core) - max 25 mm <sup>2</sup>
Connectable conductor cross section (solid-core) - min 1 mm²
Current limiting class
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 Two-pole
Release characteristic D
Number of poles (protected) 2
Number of poles (total) 2
Rated insulation voltage (Ui) 440 V
Rated operational current for specified heat dissipation (In) 25 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 $_{ m 0~kA}$
Rated switching capacity (IEC/EN 60898-1) 10 kA
Static heat dissipation, non-current-dependent 0 W
Power loss 5.2 W



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