Specifications

# Eaton 193532




## Catalog Number: 193532

Eaton Moeller series xPole - PXK RCBO - residual-current circuit breaker with overcurrent protection. RCBO C 20A 1+N 30mA sensitivity F

## General specifications

**Product Name**
Eaton Moeller series xPole - PXK RCBO - residual-current circuit breaker with overcurrent protection

**Catalog Number**
193532

**EAN**
9010238026124

**Product Length/Depth**
80 mm

**Product Height**
75 mm

**Product Width**
35 mm

**Product Weight**
0.193 kg

**Compliances**
CE Marked
RoHS conform

**Certifications**
CE

Powering Business Worldwide

## Product specifications

### Type

RCBO

### Application

Switchgear for residential and commercial applications

### Amperage Rating

20 A

### Voltage rating

240 V - 240 V

### Surge current capacity

3 kA

### Voltage type

AC

### Width in number of modular spacings

2

### Features

Anti-nuisance tripping version
Concurrently switching N-neutral

### 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.

## Resources

### Declarations of conformity

03_PXK-F_231017

DA-DC-03_PXK

03_PXK_231017

DA-DC-03_PXK-F

### eCAD model

ETN.PXK-C20_1N_003-F.edz

### Installation videos

xpole-pxkrcbo-installation-video

### 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.

### Operating ambient temperature - max

40 °C

### Operating ambient temperature - min

-25 °C

Product range

PXK

Rated current

20 A

Rated operational current for specified heat dissipation (In)

20 A

Rated switching capacity (IEC/EN 61009)

10 kA

Static heat dissipation, non-current-dependent

0 W

Tripping characteristic

C

Built-in depth

75.5 mm

Current limiting class

3

Rated short-circuit breaking capacity (EN 60947-2)

0 kA

Ambient operating temperature - max

40 °C

Ambient operating temperature - min

-25 °C

Fault current rating

0.03 A

Heat dissipation capacity

0 W

Heat dissipation per pole, current-dependent

0 W

Number of poles (protected)

1

Number of poles (total)

2

Rated operational voltage (Ue) - max

240 V

Rated short-circuit breaking capacity (IEC 60947-2)

0 kA

Rated switching capacity

10 kA

Basic function

Combined RCD/MCB devices

Rated impulse withstand voltage (Uimp)

4 kV

Degree of protection

IP20

Tripping

Short time delayed (10ms)

Overvoltage category

III

Pollution degree

2

Impulse withstand current

Surge-proof, 3 kA

Leakage current type

F

Release characteristic

C

Sensitivity type

Type F, pulse-current sensitive with frequency mixtures up to 1kHz

Frequency rating

50 Hz

Rated insulation voltage (Ui)

440 V

Connectable conductor cross section (solid-core) - min

1 mm²

Connectable conductor cross section (solid-core) - max

25 mm²

Connectable conductor cross section (multi-wired) - min

1 mm²

Connectable conductor cross section (multi-wired) - max

25 mm²

Rated short-circuit breaking capacity (EN 61009)

10 kA

Rated short-circuit breaking capacity (EN 61009-1)

10 kA

### Number of poles

Single-pole + N

### Disconnection characteristic

Undelayed

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