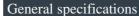
Eaton 236976

Catalog Number: 236976

Eaton Moeller series xPole - PXK RCBO - residual-current circuit breaker with overcurrent protection. RCBO C 40A 1+N 300mA sensitivity A





Catalog Number

Eaton Moeller series xPole - PXK RCBO 236976

- residual-current circuit breaker with

overcurrent protection

EAN

4015082369767

Product Height

Product Length/Depth

75

80 mm

75 mm

Product Width

Product Weight

35 mm

0.21 kg

Compliances

Certifications

CE Marked

CE

RoHS conform



Product specifications

Type

RCBO

Application

Switchgear for residential and commercial applications

Amperage Rating

40 A

Voltage rating

240 V - 240 V

Surge current capacity

0.25 kA

Voltage type

AC

Width in number of modular spacings

2

Features

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.

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

Resources

Declarations of conformity

DA-DC-03_PXK

eCAD model

ETN.PXK-C40_1N_03-A

Installation instructions

IL019140ZU

Installation videos

xpole-pxkrcbo-installation-video

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 40 A
Rated operational current for specified heat dissipation (In) 40 A
Rated switching capacity (IEC/EN 61009) 10 kA
Static heat dissipation, non-current-dependent 0 W
Tripping characteristic C
Built-in depth 69.5 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 0.3 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 Equipment heat dissipation, current-dependent 8.2 W Rated impulse withstand voltage (Uimp) 4 kV Degree of protection IP20 **Tripping** Non-delayed Overvoltage category Ш Pollution degree 2 Impulse withstand current Partly surge-proof, 250 A Leakage current type Release characteristic С Sensitivity type Type A, pulse-current sensitive 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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