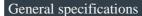
Eaton 108115



Eaton Moeller series xPole - PKP62/M2 RCBO - residual-current circuit breaker with overcurrent protection. RCD/MCB, 16A, 100mA, MCB trip curve B, 2 p, RCCB trip char.: A





Eaton Moeller series xPole - PKP62/M2 108115

RCBO - residual-current circuit breaker

with overcurrent protection

EAN

4015081077694

Product Height

75 mm

Product Weight

0.25 kg

Certifications

CE

Catalog Number

Model Code

PKPM2-16/2/B/01-A

Product Length/Depth

86 mm

Product Width

37 mm

Compliances

CE Marked

RoHS conform



PKPM2-16/2/B/01-A

Product specifications

Type

RCBO

Application

Switchgear for residential and commercial applications

Amperage Rating

16 A

Voltage rating

230 V

Surge current capacity

0.25 kA

Voltage type

AC

Width in number of modular spacings

2

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 elect. effects

Meets the product standard's requirements.

Resources

Catalogs

eaton-xpole-pkpm2-rcbo-catalog-ca019053en-en-us.pdf
eaton-xpole-pkp62-rcbo-catalog-ca019054en-en-us.pdf
eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf

Characteristic curve

eaton-xpole-afdd-characteristic-curve-002.jpg

Declarations of conformity

DA-DC-03_PKP.2

Drawings

eaton-xeffect-frbm6m-characteristic-curve-003.jpg eaton-xeffect-frbm6m-dimensions-002.jpg eaton-xeffect-frbm6m-3d-drawing-016.jpg

eCAD model

ETN.PKPM2-16_2_B_01-A

Installation instructions

IL019140ZU

Specifications and datasheets

Eaton Specification Sheet - 108115

Wiring diagrams

PKPM2_2p

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 application

Switchgear for industrial and advanced commercial applications

Product range

PKPM2
Rated current 16 A
Rated operational current for specified heat dissipation (In) 16 A
Rated switching capacity (IEC/EN 61009) 10 kA
Static heat dissipation, non-current-dependent 0 W
Tripping characteristic B
Built-in depth 70 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 0.1 A
Heat dissipation capacity 0 W
Heat dissipation per pole, current-dependent 0 W
Number of poles (protected) 2
Number of poles (total) 2
Rated operational voltage (Ue) - max 230 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 5 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 В Sensitivity type Type A, pulse-current sensitive Frequency rating 50 Hz Rated insulation voltage (Ui) 250 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

Two-pole

Disconnection characteristic

Undelayed



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