Specificaţii produse

Eaton 194685

Catalog Number: 194685

Eaton Moeller series xPole - HNC RCCB. HNC, 2 pole, In: 40 A, Icn: 6 kA, IΔN: 0.03 A, Type A, residential and commercial

General specifications

Product Name Eaton Moeller series xPole - HNC RCCB	**Catalog Number** 194685
Packing Unit Case Pack	**EAN** 9010238074347
Quantity 60	**Gross Weight** 13.2 kg
Length 385 mm	**Width** 180 mm
Height 230 mm	**Volume** 15.939 dm³
ERP Name SAP-UNITY	**Product Length/Depth** 80 mm
Product Height 76 mm	**Product Width** 35 mm
Product Weight 0.207 kg	**Compliances** RoHS conform
Certifications IEC/EN 61008	**Model Code** HNC-40/2/003-A

Powering Business Worldwide

Programul de livrare

Application

Residual current circuit breaker for residential and commercial applications
xPole Home - Switchgear for residential applications

Number of poles

Two-pole

Tripping time

Non-delayed

Amperage Rating

40 A

Rated short-circuit strength

6 kA

Fault current rating

30 mA

Sensitivity type

Pulse-current sensitive

Impulse withstand current

Partly surge-proof 250 A

Type

HNC
Residual current circuit breakers
Type A

Date tehnice - electrice

Voltage rating

230 V AC

Rated operational voltage (Ue) - max

230 V

Rated insulation voltage (Ui)

440 V

Rated impulse withstand voltage (Uimp)

4 kV

Rated fault current - min

0.03 A

Rated fault current - max

0.03 A

Frequency rating

50 Hz

Short-circuit rating

63 A (max. admissible back-up fuse)

Leakage current type

A

Rated residual making and breaking capacity

500 A

Admissible back-up fuse overload - max

25 A gG/gL

Rated short-time withstand current (Icw)

6 kA

Surge current capacity

0.25 kA

Pollution degree

2

Date tehnice - mecanice

Width in number of modular spacings

2

Built-in width (number of units)

35 mm (2 SU)

Verificarea proiectării conform IEC / EN 61439 - Date tehnice

Rated operational current for specified heat dissipation (In)

40 A

Heat dissipation per pole, current-dependent

0 W

Built-in depth

45 mm

Mounting Method

DIN rail

Degree of protection

IP20

Connectable conductor cross section (solid-core) - min

1.5 mm²

Connectable conductor cross section (solid-core) - max

35 mm²

Connectable conductor cross section (multi-wired) - min

1.5 mm²

Connectable conductor cross section (multi-wired) - max

16 mm²

Busbar material thickness

0.8 mm - 2 mm

Equipment heat dissipation, current-dependent

7.8 W

5.8 W

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

În conformitate cu IEC / EN 61439

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.

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.

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.

Informații suplimentare

Features

Residual current circuit breaker

Additional equipment possible

Fitted with:

Interlocking device

Special features

Maximum operating temperature is 60 °C: Starting at 40 °C, the max. permissible continuous current decreases by 2.5% for every 1 °C

Used with

HNC

Type A

Residual current circuit breakers

Resurse

Broșuri

eaton-xPole-home-leaflet-br003019en-en-gb.pdf

Cataloage

eaton-xpole%20home-hnc-rccb-catalog-ca019024en-en-us.pdf

Desene

eaton-xpole-pf67-rccb-wiring-diagram.jpg

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Rapoarte de certificare

DA-DC-03_HNC

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