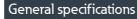
Eaton 194688

Catalog Number: 194688

Eaton Moeller series xPole - HNC RCCB. Residual current circuit breaker (RCCB), 40A, 4p, 30mA, type A



 Product Name
 Catalog Number

 Eaton Moeller series xPole - HNC RCCB 194688

EAN 9010238060814

Product Height 76 mm

Product Weight 0.298 kg

Certifications IEC/EN 61008 Product Length/Depth 80 mm

Product Width 70 mm

Compliances RoHS conform

Model Code HNC-40/4/003-A





Delivery program

Application

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

Number of poles

Four-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

Туре

HNC Residual current circuit breakers Type A

Technical data - electrical

Voltage rating

230 V AC / 400 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

0.007

Frequency rating

50 Hz

Short-circuit rating 63 A (max. admissible back-up fuse)

Leakage current type

А

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

Technical data - mechanical

Width in number of modular spacings 4

Built-in width (number of units) 70 mm (4 SU)

Design verification as per IEC/EN 61439 - technical data

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 13.1 W 9.6 W

Ambient operating temperature - min -25 °C

Ambient operating temperature - max 60 °C

Design verification as per 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.

Additional information

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

Residual current circuit breakers HNC Type A

Do pobrania

Broszury

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Certyfikaty

DA-DC-03_HNC

HNC_EN.pdf

03_hnc_191119.pdf

DWG

eaton-xpole-hnc-rccb-dimensions.jpg

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eCAD model

ETN.HNC-40_4_003-A.edz

Katalogi

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