Specyfikacje

Eaton 194863

Catalog Number: 194863

Eaton Moeller series xPole Home - HN/HN-HX MCB. HN, xPole Home, 2-pole, tripping characteristic: B, rated current In: 25 A, rated switching capacity IEC/EN 60898-1: 6 kA



Zdjęcie jest reprezentatywne

General specifications

Product Name	Catalog Number
Eaton Moeller series xPole Home - HN/HN-HX MCB	194863
	EAN
	9010238063471
Product Length/Depth	Product Height
85 mm	73 mm
Product Width	Product Weight
35.4 mm	0.216 kg
Compliances	Model Code
RoHS conform	HN-B25/2

Powering Business Worldwide

Delivery program

Application

Switchgear for residential
and commercial applications
xPole Home - Switchgear for
residential applications

Number of poles

Two-pole

Number of poles (total)

2

Number of poles (protected)

2

Tripping characteristic

B

Release characteristic

B

Amperage Rating

25 A

Type

HN
Miniature circuit breaker

Technical data - electrical

Voltage type

AC

Rated operational voltage (Ue) - max

230 V

Rated insulation voltage (Ui)

440 V

Rated impulse withstand voltage (Uimp)

4 kV

Frequency rating - min

50 Hz

Frequency rating - max

60 Hz

Rated switching capacity (IEC/EN 60898-1)

6 kA

Rated short-circuit breaking capacity (EN 60898) at 230 V

6 kA

Rated short-circuit breaking capacity (EN 60898) at 400 V

6 kA

Rated short-circuit breaking capacity (IEC 60947-2) at 230 V

0 kA

Rated short-circuit breaking capacity (IEC 60947-2) at 400 V

0 kA

Overvoltage category

III

Pollution degree

3

Technical data - mechanical

Width in number of modular spacings

2

Built-in depth

44 mm

Degree of protection

IP20

Design verification as per IEC/EN 61439 - technical data

Rated operational current for specified heat dissipation (In)

25 A

Heat dissipation per pole, current-dependent

0 W

Equipment heat dissipation, current-dependent

6.4 W

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

Static heat dissipation, non-current-dependent

0 W

Heat dissipation capacity

0 W

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

75 °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.

Additional information

Current limiting class

3

Features

Additional equipment possible

Special features

Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity

Suitable for

Flush-mounted installation

Used with

Miniature circuit breaker

HN

Do pobrania

Broszury

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

Certyfikaty

HN_EN.pdf

Characteristic curve

KL_L7_B

eaton-xpole-mmc4-6-m-mcb-characteristic-curve-004.jpg

eaton-xpole-mmc4-6-m-mcb-characteristic-curve.jpg

L7_BLOCK

Deklaracje zgodności

DA-DC-03_HN

03_hn_160318.pdf

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.

DWG

eaton-xpole-hnhn-hx-mcb-3d-drawing.jpg

Mas_CLS

eaton-xpole-pl6-mcb-dimensions.jpg

DWG

HN_i2t_b

Instrukcje montażu

IL019140ZU

Katalogi

eaton-xpole%20home-hn-mcb-catalog-ca019020en-en-us.pdf

mCAD model

eaton-cadenas-side_view-pls_2p_side.pra

pls_2p.dwg

pls_2p.stp

eaton-cadenas-front_view-pls_2p_front.pra

eaton-cadenas-path-03-geo-pls_2p.3db

Schematy połączeń

eaton-xpole-mmc4-6-m-mcb-wiring-diagram-003.jpg

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