

# Specyfikacje



Zdjęcie jest reprezentatywne



## Eaton 194822

Eaton Moeller series xPole Home - HN/HN-HX MCB. HN, xPole Home, 1-pole, tripping characteristic: B, rated current  $I_n$ : 20 A, rated switching capacity IEC/EN 60898-1: 6 kA

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series xPole Home - HN/HN-HX MCB
<b>CATALOG NUMBER</b>	194822
<b>EAN</b>	9010238063068
<b>PRODUCT LENGTH/DEPTH</b>	85 mm
<b>PRODUCT HEIGHT</b>	73 mm
<b>PRODUCT WIDTH</b>	17.7 mm
<b>PRODUCT WEIGHT</b>	0.12 kg
<b>COMPLIANCES</b>	RoHS conform
<b>MODEL CODE</b>	HN-B20/1

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## Delivery program

<b>APPLICATION</b>	<ul style="list-style-type: none"> <li>• Switchgear for residential and commercial applications</li> <li>• xPole Home - Switchgear for residential applications</li> </ul>
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<b>NUMBER OF POLES</b>	Single-pole
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<b>NUMBER OF POLES (TOTAL)</b>	2
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<b>NUMBER OF POLES (PROTECTED)</b>	1
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<b>TRIPPING CHARACTERISTIC</b>	B
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<b>RELEASE CHARACTERISTIC</b>	D B
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<b>AMPERAGE RATING</b>	20 A
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<b>TYPE</b>	<ul style="list-style-type: none"> <li>• HN</li> <li>• Miniature circuit breaker</li> </ul>
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## Technical Data - Mechanical

<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	2
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<b>BUILT-IN DEPTH</b>	44 mm
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<b>DEGREE OF PROTECTION</b>	IP20
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<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN</b>	1 mm <sup>2</sup>
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<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX</b>	25 mm <sup>2</sup>
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<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN</b>	1 mm <sup>2</sup>
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<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	25 mm <sup>2</sup>
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## Technical Data - Electrical

<b>VOLTAGE TYPE</b>	AC
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<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	230 V
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<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
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<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
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<b>FREQUENCY RATING - MIN</b>	50 Hz
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<b>FREQUENCY RATING - MAX</b>	60 Hz
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<b>RATED SWITCHING CAPACITY (IEC/EN 60898-1)</b>	6 kA
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<b>OVERVOLTAGE CATEGORY</b>	III
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<b>POLLUTION DEGREE</b>	3
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## Design verification as per IEC/EN 61439 - technical data

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	20 A
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<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	0 W
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<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	3.2 W
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<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT</b>	0 W
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<b>HEAT DISSIPATION CAPACITY</b>	0 W
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<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
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<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	75 °C
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## Design verification as per IEC/EN 61439

<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the

## Additional information

<b>CURRENT LIMITING CLASS</b>	3
<b>FEATURES</b>	Additional equipment possible
<b>SPECIAL FEATURES</b>	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
<b>SUITABLE FOR</b>	Flush-mounted installation
<b>USED WITH</b>	Miniature circuit breaker HN

	temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Do pobrania

BROSZURY	<a href="#">eaton-xPole-home-leaflet-br003019en-en-gb.pdf</a>
CERTYFIKATY	<a href="#">HN_EN.pdf</a>
CHARACTERISTIC CURVE	<a href="#">eaton-xpole-mmc4-6-m-mcb-characteristic-curve.jpg</a> <a href="#">eaton-xpole-mmc4-6-m-mcb-characteristic-curve-004.jpg</a>
DEKLARACJE ZGODNOŚCI	<a href="#">eaton-mcb-declaration-of-conformity-eu250069en.pdf</a>
KATALOGI	<a href="#">eaton-xpole%20home-hn-mcb-catalog-ca019020en-en-us.pdf</a>
MODELE MCAD	<a href="#">pls_1p.stp</a> <a href="#">eaton-non-selective-universal-mcb-mcad-drawings-faz-pls-1p.dwg</a>
RYSUNKI	<a href="#">eaton-xpole-hnhn-hx-mcb-3d-drawing.jpg</a> <a href="#">eaton-xpole-pl6-mcb-dimensions.jpg</a>
SCHEMATY POŁĄCZEŃ	<a href="#">eaton-xpole-mmc4-6-m-mcb-wiring-diagram-002.jpg</a>

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**NAZWA PROJEKTU:**

**NUMER PROJEKTU:**

**PRZYGOTOWANE PRZEZ:**

**DATA:**

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Najnowsze informacje o produktach i wsparciu znajdują się na naszych mediach społecznościowych.

