

# Specyfikacje



## Eaton 286598

Eaton Moeller series xPole - PL6 MCB. PL6, 3-pole, tripping characteristic: C, rated current In: 6 A, rated switching capacity IEC/EN 60898-1: 6 kA

### General specifications

PRODUCT NAME	Eaton Moeller series xPole - PL6 MCB
CATALOG NUMBER	286598
EAN	4015082865986
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	53.1 mm
PRODUCT WEIGHT	0.36 kg
COMPLIANCES	RoHS conform
MODEL CODE	PL6-C6/3

## Dostawa

### APPLICATION

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

NUMBER OF POLES	Three-pole
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NUMBER OF POLES (TOTAL)	3
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NUMBER OF POLES (PROTECTED)	3
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TRIPPING CHARACTERISTIC	C
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RELEASE CHARACTERISTIC	C
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AMPERAGE RATING	6 A
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### TYPE

- Miniature circuit breaker
- PL6

## Elektryczne dane techniczne

VOLTAGE TYPE	AC
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RATED OPERATIONAL VOLTAGE (UE) - MAX	400 V
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RATED INSULATION VOLTAGE (UI)	440 V
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RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
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FREQUENCY RATING - MIN	50 Hz
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FREQUENCY RATING - MAX	60 Hz
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RATED SWITCHING CAPACITY (IEC/EN 60898-1)	6 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V	6 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V	6 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 230 V	0 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 400 V	0 kA
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OVERVOLTAGE CATEGORY	III
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POLLUTION DEGREE	2
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## Mechaniczne dane techniczne

<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	3
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<b>BUILT-IN DEPTH</b>	70.5 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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## Weryfikacja projektu zgodnie z IEC/EN 61439 - dane techniczne

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	6 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>	4.4 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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## Weryfikacja projektu zgodnie z 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** Is the panel builder's

## Dodatkowe informacje

**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

**USED WITH** PL6 Miniature circuit breaker

<b>ENCLOSURES MADE OF INSULATING MATERIAL</b>	responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the 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

<b>CHARACTERISTIC CURVE</b>	<a href="#">eaton-xpole-mmc4-6-m-mcb-characteristic-curve-002.jpg</a>
<b>DEKLARACJE ZGODNOŚCI</b>	<a href="#">eaton-mcb-declaration-of-conformity-eu250400en.pdf</a>
<b>INSTRUKCJE MONTAŻU</b>	<a href="#">eaton-rccb-rcbo-g9-il019140zu.pdf</a>
<b>KATALOGI</b>	<a href="#">eaton-miniature-circuit-breaker-xpole-pl6-catalog-ca20190212-en-us.pdf</a> <a href="#">eaton-xpole-pl6-mcb-catalog-ca019069en-en-us.pdf</a>
<b>MODELE MCAD</b>	<a href="#">pls_3p.dwg pls_3p.stp</a>
<b>RYSUNKI</b>	<a href="#">eaton-xpole-pl6-mcb-dimensions.jpg</a> <a href="#">eaton-xpole-pl6-mcb-3d-drawing-002.jpg</a>
<b>SCHEMATY POŁĄCZEŃ</b>	<a href="#">eaton-xpole-mmc4-6-m-mcb-wiring-diagram-005.jpg</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATA:**

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