# Характеристики






## Eaton 194730

Eaton Moeller series xPole - HL/HL-HX MCB. HL, xPole Home, 1-pole, tripping characteristic: C, rated current In: 13 A, rated switching capacity IEC/EN 60898-1: 4,5 kA

| Загальні характеристики | |
|---|---|
| **PRODUCT NAME** | Eaton Moeller series xPole - HL/HL-HX MCB |
| **CATALOG NUMBER** | 194730 |
| **EAN** | 9010238062146 |
| **PRODUCT LENGTH/DEPTH** | 85 mm |
| **PRODUCT HEIGHT** | 73 mm |
| **PRODUCT WIDTH** | 17.5 mm |
| **PRODUCT WEIGHT** | 0.12 kg |
| **COMPLIANCES** | RoHS conform |
| **MODEL CODE** | HL-C13/1 |

Powering Business Worldwide

## Додаткова інформація

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| **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** | HL<br>Miniature circuit breaker |

## Програма доставки

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| **AMPERAGE RATING** | 13 A |
| **APPLICATION** | • Switchgear for residential and commercial applications<br>• xPole Home - Switchgear for residential applications |
| **NUMBER OF POLES** | Single-pole |
| **NUMBER OF POLES (PROTECTED)** | 1 |
| **NUMBER OF POLES (TOTAL)** | 1 |
| **RELEASE CHARACTERISTIC** | C |
| **TRIPPING CHARACTERISTIC** | C |
| **TYPE** | • HL<br>• Miniature circuit breaker |

| Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439 | |
|---|---|
| **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. |
| **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** | Meets the product |

| Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439 — технічні дані | |
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| **AMBIENT OPERATING TEMPERATURE - MAX** | 75 °C |
| **AMBIENT OPERATING TEMPERATURE - MIN** | -25 °C |
| **EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT** | 2.5 W |
| **HEAT DISSIPATION CAPACITY** | 0 W |
| **HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT** | 0 W |
| **RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)** | 13 A |
| **STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT** | 0 W |

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| **CREEPAGE DISTANCES** | 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. |

## Technical data - electrical

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| **FREQUENCY RATING - MAX** | 60 Hz |
| **FREQUENCY RATING - MIN** | 50 Hz |
| **OVERVOLTAGE CATEGORY** | III |
| **POLLUTION DEGREE** | 3 |
| **RATED IMPULSE WITHSTAND VOLTAGE (UIMP)** | 4 kV |
| **RATED INSULATION VOLTAGE (UI)** | 440 V |
| **RATED OPERATIONAL VOLTAGE (UE) - MAX** | 230 V |
| **RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V** | 4.5 kA |
| **RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V** | 4.5 kA |
| **RATED SWITCHING CAPACITY (IEC/EN 60898-1)** | 4.5 kA |
| **VOLTAGE TYPE** | AC |

## Technical data - mechanical

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| **BUILT-IN DEPTH** | 44 mm |
| **CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX** | 25 $mm^2$ |
| **CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN** | 1 $mm^2$ |
| **CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX** | 25 $mm^2$ |
| **CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN** | 1 $mm^2$ |
| **DEGREE OF PROTECTION** | IP20 |
| **WIDTH IN NUMBER OF MODULAR SPACINGS** | 1 |

| Ресурси | |
|---|---|
| CHARACTERISTIC CURVE | eaton-xpole-mmc4-6-m-mcb-characteristic-curve-002.jpg<br>eaton-xpole-mmc4-6-m-mcb-characteristic-curve-004.jpg |
| MCAD MODEL | eaton-non-selective-universal-mcb-mcad-3d-models-faz-xxx-1p.stp |
| БРОШУРИ | eaton-xPole-home-leaflet-br003019en-en-gb.pdf |
| ЕЛЕКТРИЧНА СХЕМА | eaton-xpole-mmc4-6-m-mcb-wiring-diagram-002.jpg |
| КАТАЛОГИ | eaton-xpole%20home-hl-hx-mcb-catalog-ca019019en-en-us.pdf |
| КРЕСЛЕННЯ | eaton-xpole-pl6-mcb-dimensions.jpg<br>eaton-xpole-hlhl-hx-mcb-3d-drawing-002.jpg |

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| **НАЗВА ПРОЕКТУ:** | |
| **НОМЕР ПРОЕКТУ:** | |
| **ПІДГОТУВАВ:** | |
| **ДАТА:** | |

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