# Характеристики




## Eaton 194691

Eaton Moeller series xPole - HNC RCCB. HNC, 2 pole, In: 40 A, Icn: 6 kA, IΔN: 0.03 A, Type AC, residential and commercial

| Загальні характеристики | |
|---|---|
| **PRODUCT NAME** | Eaton Moeller series xPole - HNC RCCB |
| **CATALOG NUMBER** | 194691 |
| **EAN** | 9010238060630 |
| **PRODUCT LENGTH/DEPTH** | 76 mm |
| **PRODUCT HEIGHT** | 80 mm |
| **PRODUCT WIDTH** | 35 mm |
| **PRODUCT WEIGHT** | 0.207 kg |
| **COMPLIANCES** | RoHS conform |
| **CERTIFICATIONS** | IEC/EN 61008 |
| **MODEL CODE** | HNC-40/2/003 |

Powering Business Worldwide

## Додаткова інформація

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| **FEATURES** | Additional equipment possible<br>Residual current circuit breaker |
| **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** | HNC<br>Residual current circuit breakers<br>Type AC |

## Програма доставки

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| **AMPERAGE RATING** | 40 A |
| **APPLICATION** | • Residual current circuit breaker for residential and commercial applications<br>• xPole Home - Switchgear for residential applications |
| **FAULT CURRENT RATING** | 30 mA |
| **IMPULSE WITHSTAND CURRENT** | Partly surge-proof 250 A |
| **NUMBER OF POLES** | Two-pole |
| **RATED SHORT-CIRCUIT STRENGTH** | 6 kA |
| **SENSITIVITY TYPE** | AC current sensitive |
| **TRIPPING TIME** | Non-delayed |
| **TYPE** | • HNC<br>• Residual current circuit breakers<br>• Type AC |

## Перевірка відповідності проектним вимогам згідно зі стандартом IEC/EN 61439

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| **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** | 60 °C |
| **AMBIENT OPERATING TEMPERATURE - MIN** | -25 °C |
| **EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT** | 7.8 W |
| **HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT** | 0 W |
| **RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)** | 40 A |

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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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| **ADMISSIBLE BACK-UP FUSE OVERLOAD - MAX** | 25 A gG/gL |
| **FREQUENCY RATING** | 50 Hz |
| **LEAKAGE CURRENT TYPE** | AC |
| **POLLUTION DEGREE** | 2 |
| **RATED FAULT CURRENT - MAX** | 0.03 A |
| **RATED FAULT CURRENT - MIN** | 0.03 A |
| **RATED IMPULSE WITHSTAND VOLTAGE (UIMP)** | 4 kV |
| **RATED INSULATION VOLTAGE (UI)** | 440 V |
| **RATED OPERATIONAL VOLTAGE (UE) - MAX** | 230 V |
| **RATED RESIDUAL MAKING AND BREAKING CAPACITY** | 500 A |
| **RATED SHORT-TIME WITHSTAND CURRENT (ICW)** | 6 kA |
| **SHORT-CIRCUIT RATING** | 63 A (max. admissible back-up fuse) |
| **SURGE CURRENT CAPACITY** | 0.25 kA |
| **VOLTAGE RATING** | 230 V AC |

## Technical data - mechanical

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| **BUILT-IN DEPTH** | 45 mm |
| **BUILT-IN WIDTH (NUMBER OF UNITS)** | 35 mm (2 SU) |
| **BUSBAR MATERIAL THICKNESS** | 0.8 mm - 2 mm |
| **CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX** | 16 $mm^2$ |
| **CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN** | 1.5 $mm^2$ |
| **CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX** | 35 $mm^2$ |
| **CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN** | 1.5 $mm^2$ |
| **DEGREE OF PROTECTION** | IP20 |
| **MOUNTING METHOD** | DIN rail |
| **WIDTH IN NUMBER OF MODULAR SPACINGS** | 2 |

| Ресурси | |
|---|---|
| БРОШУРИ | eaton-xPole-home-leaflet-br003019en-en-gb.pdf |
| КАТАЛОГИ | eaton-xpole%20home-hnc-rccb-catalog-ca019024en-en-us.pdf |
| КРЕСЛЕННЯ | eaton-xpole-hnc-rccb-dimensions.jpg<br>eaton-xpole-pf67-rccb-wiring-diagram.jpg<br>eaton-xpole-pkn6-m-3d-drawing.jpg |

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

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