

194837

General specifications

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| PRODUCT NAME | Eaton Moeller series xPole Home - HN/HN-HX MCB |
| CATALOG NUMBER | 194837 |
| EAN | 9010238063211 |
| PRODUCT LENGTH/DEPTH | 85 mm |
| PRODUCT HEIGHT | 73 mm |
| PRODUCT WIDTH | 17.7 mm |
| PRODUCT WEIGHT | 0.12 kg |
| COMPLIANCES | RoHS conform |
| MODEL CODE | HN-C63/1 |



Delivery program

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| APPLICATION | <ul style="list-style-type: none"> • Switchgear for residential and commercial applications • xPole Home - Switchgear for residential applications |
| NUMBER OF POLES | Single-pole |
| NUMBER OF POLES (TOTAL) | 1 |
| NUMBER OF POLES (PROTECTED) | 1 |
| TRIPPING CHARACTERISTIC | C |
| RELEASE CHARACTERISTIC | C |
| AMPERAGE RATING | 63 A |
| TYPE | <ul style="list-style-type: none"> •HN • Miniature circuit breaker |

Technical data - electrical

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| 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

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

Design verification as per IEC/EN 61439 - technical data

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|---|--------|
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 63 A |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT | 0 W |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT | 5.2 W |
| 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 |

Additional information

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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 | Miniature circuit breaker HN |