

Specifications



Photo is representative

Eaton 113023

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 63A, B2-A63-KCU-NA

General specifications

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| PRODUCT NAME | Eaton Moeller series NZM molded case circuit breaker thermo-magnetic |
| CATALOG NUMBER | 113023 |
| MODEL CODE | NZMB2-A63-KCU-NA |
| EAN | 4015081125630 |
| PRODUCT LENGTH/DEPTH | 184 mm |
| PRODUCT HEIGHT | 149 mm |
| PRODUCT WIDTH | 105 mm |
| PRODUCT WEIGHT | 2.64 kg |
| COMPLIANCES | RoHS conform |
| CERTIFICATIONS | UL listed CSA (File No. 22086) CE marking UL (File No. E31593) Specially designed for North America CSA (Class No. 1432-01) UL489 DIVQ CSA certified CSA-C22.2 No. 5-09 IEC60947-2 |
| GLOBAL CATALOG | 113023 |

Product specifications

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| AMPERAGE RATING | 63 A |
| VOLTAGE RATING | 440 V - 440 V |
| FEATURES | Motor drive optional Protection unit |
| 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 |

Resources

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| BROCHURES | eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf eaton-digital-nzm-brochure-br013003en-en-us.pdf |
| CATALOGS | eaton-digital-nzm-catalog-ca013003en-en-us.pdf |
| DECLARATIONS OF CONFORMITY | eaton-molded-case-circuit-breaker-declaration-of-conformity-eu250290en.pdf |
| INSTALLATION VIDEOS | Introduction of the new digital circuit breaker NZM The new digital NZM Range |
| MCAD MODEL | DA-CS-nzm2_3p DA-CD-nzm2_3p |
| TECHNICAL DATA SHEETS | eaton-nzm-technical-information-sheet |

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| | 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 ENCLOSURES MADE OF INSULATING MATERIAL | Is the panel builder's responsibility. |
| MOUNTING METHOD | DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT | 20.24 W |
| NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS) | 0 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
| DEGREE OF PROTECTION | IP20 |
| ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT | Other |
| NUMBER OF POLES | Three-pole |
| FUNCTIONS | Current limiting circuit breaker |
| APPLICATION | Feeder circuits, branch |

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| | circuits |
| POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT | Front side |
| POWER LOSS | 20.2 W |
| HANDLE TYPE | Rocker lever |
| SHORT DELAY CURRENT SETTING (ISD) - MAX | 0 A |
| SHORT DELAY CURRENT SETTING (ISD) - MIN | 0 A |
| INSTANTANEOUS CURRENT SETTING (II) - MAX | 63 A |
| INSTANTANEOUS CURRENT SETTING (II) - MIN | 50 A |
| OVERLOAD CURRENT SETTING (IR) - MAX | 80 A |
| OVERLOAD CURRENT SETTING (IR) - MIN | 63 A |
| RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ | 25 kA |
| RATED OPERATING VOLTAGE UE (UL) - MAX | 600Y/347 V, 480 V |

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| PROJECT NAME: |
| PROJECT NUMBER: |
| PREPARED BY: |
| DATE: |



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