

# Specifications



Photo is representative

## Eaton 119000

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle, size 3, NA type

### General specifications

|                             |  |
|-----------------------------|--|
| <b>PRODUCT NAME</b>         | Eaton Moeller series NZM operating element NA  |
| <b>CATALOG NUMBER</b>       | 119000   |
| <b>MODEL CODE</b>           | NZM3-XHB-DA-NA   |
| <b>EAN</b>                  | 4015081171279  |
| <b>PRODUCT LENGTH/DEPTH</b> | 440 mm   |
| <b>PRODUCT HEIGHT</b>       | 230 mm   |
| <b>PRODUCT WIDTH</b>        | 250 mm   |
| <b>PRODUCT WEIGHT</b>       | 2.7 kg   |
| <b>COMPLIANCES</b>          | IEC<br>UL/CSA<br>RoHS conform  |
| <b>CERTIFICATIONS</b>       | CE marking<br>IEC60947<br>CSA (Class No. 1437-01)<br>UL489<br>CSA certified<br>UL (File No. E140305)<br>CSA (File No. 22086)<br>UL508A<br>UL listed<br>Specially designed for North America<br>NFPA79<br>UL (Category Control Number DIHS)<br>CSA-C22.2 No. 5-09 |
| <b>GLOBAL CATALOG</b>       | 119000   |



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## Product specifications

|   |  |
|---|--|
| <b>USED WITH</b>  | NZM3(-4)<br>PN3(-4)<br>N(S)3(-4)   |
| <b>FEATURES</b>   | Lockable<br>With black door coupling rotary handle   |
| <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.                         |
| <b>10.2.2 CORROSION RESISTANCE</b>  | Meets the product standard's requirements.   |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.   |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.   |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.   |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Meets the product standard's requirements.   |
| <b>10.2.5 LIFTING</b>   | Does not apply, since the entire switchgear needs to be evaluated.   |
| <b>10.2.6 MECHANICAL IMPACT</b>   | Does not apply, since the entire switchgear needs to be evaluated.   |

## Resources

|                                  |  |
|----------------------------------|--|
| <b>BROCHURES</b>                 | <a href="#">eaton-digital-nzm-brochure-br013003en-en-us.pdf</a><br><br><a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a>     |
| <b>CATALOGS</b>                  | <a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a>   |
| <b>DRAWINGS</b>                  | <a href="#">eaton-circuit-breaker-switch-nzm-mccb-dimensions-002.eps</a><br><br><a href="#">eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps</a> |
| <b>INSTALLATION INSTRUCTIONS</b> | <a href="#">eaton-circuit-breakers-door-coupling-rotary-handle-nzm3-xhb-da-instruction-leaflet-il01219015z.pdf</a>                                       |
| <b>INSTALLATION VIDEOS</b>       | <a href="#">Introduction of the new digital circuit breaker NZM</a><br><br><a href="#">The new digital NZM Range</a>                                     |
| <b>MCAD MODEL</b>                | <a href="#">DA-CS-nzm3_xhb</a><br><br><a href="#">DA-CD-nzm3_xhb</a>   |
| <b>TECHNICAL DATA SHEETS</b>     | <a href="#">eaton-nzm-technical-information-sheet</a>  |

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|---|---|
| <b>10.2.7 INSCRIPTIONS</b>                                      | Meets the product standard's requirements.  |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                  | Does not apply, since the entire switchgear needs to be evaluated.  |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                   | Meets the product standard's requirements.  |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                   | Does not apply, since the entire switchgear needs to be evaluated.  |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>   | Does not apply, since the entire switchgear needs to be evaluated.  |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>        | Is the panel builder's responsibility.  |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility.  |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                 | Is the panel builder's responsibility.  |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | Is the panel builder's responsibility.  |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.  |
| <b>COLOR</b>  | Black   |
| <b>FITTED WITH:</b>   | <p>Extension shaft</p> <p>Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2</p> <p>Black and yellow lightning symbol</p> <p>Extension shaft NZM...-XV6 for mounting depth 600 mm</p> <p>External warning plate/markings plate in German/English</p> <p>Door coupling rotary handle with rotary drive</p> <p>Padlock</p> |
| <b>FRAME</b>  | NZM3  |
| <b>SUITABLE FOR</b>   | Power circuit breaker<br>Switch disconnector  |
| <b>COVER/DOOR TYPE</b>  | Door interlock can be modified such that it can be defeated from the outside using a  |

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|--|--|
|  | <p>screwdriver</p> <p>Door interlock not defeated in the locked OFF position.</p> <p>With activated door interlock. Cannot be opened in ON, OFF, or TRIP. Can only be opened in RESET.</p> <p>Door interlock on OFF with max. 3 padlocks</p> |
| LOCKING FACILITY                           | <p>With door interlock</p> <p>Lockable on the 0 position on the handle using up to 3 padlocks</p> <p>Lockable on the switch in the 0 position</p> <p>Can also be modified in I position</p>  |
| TYPE                                       | Accessory Main switch assembly kit   |
| SPECIAL FEATURES                           | <p>External warning plate/designation label can be clipped on. For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger. Kit for use as a main switch</p>                              |
| DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE | <p>IP66</p> <p>4X. 12</p>  |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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