

# Specifications



## Eaton 119870

Eaton Moeller series NZM - Molded Case Circuit Breaker. Cover, 4p, for cable lugs, size 2

### General specifications

|                             |                                             |
|-----------------------------|---------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller series NZM connection type NA |
| <b>CATALOG NUMBER</b>       | 119870                                      |
| <b>MODEL CODE</b>           | NZM2-4-XKSAE                                |
| <b>EAN</b>                  | 4015081177219                               |
| <b>PRODUCT LENGTH/DEPTH</b> | 124 mm                                      |
| <b>PRODUCT HEIGHT</b>       | 62 mm                                       |
| <b>PRODUCT WIDTH</b>        | 62 mm                                       |
| <b>PRODUCT WEIGHT</b>       | 0.88 kg                                     |
| <b>COMPLIANCES</b>          | IEC<br>RoHS conform                         |
| <b>GLOBAL CATALOG</b>       | 119870                                      |

## Product specifications

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>USED WITH</b>                                                                        | NZM2(-4), PN2(-4), NS2(-4)                                                                                                       |
| <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.                                                               |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                                                       |
| <b>10.3 DEGREE OF PROTECTION OF</b>                                                     | Does not apply, since the entire switchgear needs to                                                                             |

## Resources

|                                  |                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BROCHURES</b>                 | <a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a><br><a href="#">eaton-digital-nzm-brochure-br013003en-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-cover-nzm-cable-lug-cover-dimensions.eps</a><br><a href="#">eaton-circuit-breaker-cable-nzm-cable-lug-cover-3d-drawing-002.eps</a> |
| <b>INSTALLATION INSTRUCTIONS</b> | <a href="#">eaton-circuit-breakers-nzm2-3-xksae-cable-lug-cover-instruction-leaflet-il01219044z.pdf</a>                                                              |
| <b>INSTALLATION VIDEOS</b>       | <a href="#">The new digital NZM Range</a><br><a href="#">Introduction of the new digital circuit breaker NZM</a>                                                     |
| <b>MCAD MODEL</b>                | <a href="#">DA-CD-nzm2_xksae</a><br><a href="#">DA-CS-nzm2_xksae</a>                                                                                                 |
| <b>TECHNICAL DATA SHEETS</b>     | <a href="#">eaton-nzm-technical-information-sheet</a>                                                                                                                |

|                                                                 |                                                                                              |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>ASSEMBLIES</b>                                               | 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>FRAME</b>                                                    | NZM2                                                                                         |
| <b>TERMINAL CAPACITY (ALUMINUM CONDUCTOR)</b>                   | 10 mm <sup>2</sup> - 50 mm <sup>2</sup> (1x)<br>10 mm <sup>2</sup> - 50 mm <sup>2</sup> (2x) |
| <b>TERMINAL CAPACITY (COPPER CONDUCTOR)</b>                     | 10 mm <sup>2</sup> - 185 mm <sup>2</sup> (1x)<br>4 mm <sup>2</sup> - 70 mm <sup>2</sup> (2x) |
| <b>NUMBER OF POLES</b>                                          | Four-pole                                                                                    |
| <b>TYPE</b>                                                     | Accessory Terminal<br>Terminal cover                                                         |
| <b>PHASE SEPARATOR TYPE</b>                                     | Other                                                                                        |

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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