

# Specifications



Photo is representative

## Eaton 260197

Eaton Moeller series NZM - Molded Case Circuit Breaker. Insulating surround, size 2

### General specifications

|                             |                                                                                                                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller series NZM operating element accessory                                                                                                                                                 |
| <b>CATALOG NUMBER</b>       | 260197                                                                                                                                                                                               |
| <b>MODEL CODE</b>           | NZM2-XBR                                                                                                                                                                                             |
| <b>EAN</b>                  | 4015082601973                                                                                                                                                                                        |
| <b>PRODUCT LENGTH/DEPTH</b> | 17.5 mm                                                                                                                                                                                              |
| <b>PRODUCT HEIGHT</b>       | 132 mm                                                                                                                                                                                               |
| <b>PRODUCT WIDTH</b>        | 158.5 mm                                                                                                                                                                                             |
| <b>PRODUCT WEIGHT</b>       | 0.064 kg                                                                                                                                                                                             |
| <b>COMPLIANCES</b>          | UL/CSA<br>IEC<br>RoHS conform                                                                                                                                                                        |
| <b>CERTIFICATIONS</b>       | UL listed<br>CSA (File No. 22086)<br>CSA (Class No. 1437-01)<br>UL489<br>CSA-C22.2 No. 5-09<br>CSA certified<br>IEC60947<br>UL (File No. E140305)<br>UL (Category Control Number DIHS)<br>CE marking |



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## Delivery programme

|                         |                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------|
| <b>FRAME</b>            | NZM2                                                                                          |
| <b>SPECIAL FEATURES</b> | For toggle levers, rotary handles with rotary drive and remote operators                      |
| <b>TYPE</b>             | <ul style="list-style-type: none"> <li>• Accessory</li> <li>• Insulating surrounds</li> </ul> |
| <b>USED WITH</b>        | PN2(-4)<br>N(S)2(-4)<br>NZM2(-4)                                                              |

## Design verification to IEC/EN 61439

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <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 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</b>                                                                  | Does not apply, since the                                                                                                        |

|                                                                 |                                                                    |
|-----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>AGAINST ELECTRIC SHOCK</b>                                   | 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.                             |

## Technical data - mechanical

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| <b>COLOR</b>                | Black                                                                    |
| <b>DEGREE OF PROTECTION</b> | IP40                                                                     |
| <b>MATERIAL</b>             | Plastic                                                                  |
| <b>SPECIAL FEATURES</b>     | For toggle levers, rotary handles with rotary drive and remote operators |

## Resources

|                           |                                                                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROCHURES                 | <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>             |
| CATALOGUES                | <a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a>                                                                                               |
| DRAWINGS                  | <a href="#">eaton-circuit-breaker-insulating-nzm-mccb-dimensions-005.eps</a><br><a href="#">eaton-circuit-breaker-insulating-nzm-mccb-3d-drawing-005.eps</a> |
| INSTALLATION INSTRUCTIONS | <a href="#">eaton-nzm-insulating-surround-size1-2-il01219011z.pdf</a>                                                                                        |
| INSTALLATION VIDEOS       | <a href="#">Introduction of the new digital circuit breaker NZM</a><br><a href="#">The new digital NZM Range</a>                                             |
| MCAD MODEL                | <a href="#">nzm2_xbr.stp</a><br><a href="#">eaton-mccb-terminal-accessories-mcad-drawings-nzm2-xbr.dwg</a>                                                   |
| TECHNICAL DATA SHEETS     | <a href="#">eaton-nzm-technical-information-sheet</a>                                                                                                        |

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



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