

# Specifications



## Eaton 266804

Eaton Moeller series NZM - Molded Case Circuit Breaker. Protection against contact with a finger, IP2X, 3p, size 3, K

### General specifications

|                             |                                          |
|-----------------------------|------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller series NZM connection type |
| <b>CATALOG NUMBER</b>       | 266804                                   |
| <b>MODEL CODE</b>           | NZM3-XIPK                                |
| <b>EAN</b>                  | 4015082668044                            |
| <b>PRODUCT LENGTH/DEPTH</b> | 150 mm                                   |
| <b>PRODUCT HEIGHT</b>       | 50 mm                                    |
| <b>PRODUCT WIDTH</b>        | 85 mm                                    |
| <b>PRODUCT WEIGHT</b>       | 0.11 kg                                  |
| <b>COMPLIANCES</b>          | IEC<br>RoHS conform                      |

### Additional information

|                             |       |
|-----------------------------|-------|
| <b>PHASE SEPARATOR TYPE</b> | Other |
|-----------------------------|-------|

### Delivery programme

|                        |                                             |
|------------------------|---------------------------------------------|
| <b>FRAME</b>           | NZM3                                        |
| <b>NUMBER OF POLES</b> | Three-pole                                  |
| <b>TYPE</b>            | IP2X protection against contact with finger |
| <b>USED WITH</b>       | NZM3, PN3, N3<br>Box terminal               |

## 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                                                                                                        |

## Technical data - mechanical

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>DEGREE OF PROTECTION</b> | IP2X (protection against contact with a finger) |
|-----------------------------|-------------------------------------------------|

|                                                                 |                                                                    |
|-----------------------------------------------------------------|--------------------------------------------------------------------|
| <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.                             |

## Resources

|                           |                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROCHURES                 | <a href="#">eaton-digital-nzm-brochure-br013003en-en-us.pdf</a><br><a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a>                   |
| CATALOGUES                | <a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a>                                                                                                     |
| DRAWINGS                  | <a href="#">eaton-circuit-breaker-terminals-nzm-box-terminal-dimensions.eps</a><br><a href="#">eaton-circuit-breaker-finger-protection-nzm-mccb-3d-drawing.eps</a> |
| INSTALLATION INSTRUCTIONS | <a href="#">eaton-circuit-breaker-finger-proof-ip2x-nzm1-2-3-il01219008z.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="#">DA-CS-nzm3_xipk</a><br><a href="#">eaton-mccb-terminal-accessories-mcad-drawings-nzm3-xipk.dwg</a>                                                     |
| TECHNICAL DATA SHEETS     | <a href="#">eaton-nzm-technical-information-sheet</a>                                                                                                              |

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



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