

# Specifications



Photo is representative

## Eaton 104551

Eaton Moeller series NZM - Molded Case Circuit Breaker. Interlock, mechanical, for remote operator, 3/4

### General specifications

|                      |                                             |
|----------------------|---------------------------------------------|
| PRODUCT NAME         | Eaton Moeller series NZM mounting accessory |
| CATALOG NUMBER       | 104551                                      |
| MODEL CODE           | NZM3/4-XMVRL                                |
| EAN                  | 4015081043699                               |
| PRODUCT LENGTH/DEPTH | 260 mm                                      |
| PRODUCT HEIGHT       | 100 mm                                      |
| PRODUCT WIDTH        | 220 mm                                      |
| PRODUCT WEIGHT       | 0.9 kg                                      |
| COMPLIANCES          | IEC<br>RoHS conform                         |
| GLOBAL CATALOG       | 104551                                      |



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## Product specifications

|                  |                      |
|------------------|----------------------|
| <b>USED WITH</b> | NZM3(-4)             |
|                  | N(S)3(-4)            |
|                  | NZM4(-4)             |
|                  | N(S)4(-4)            |
|                  | N3                   |
|                  | N3-4                 |
|                  | N4                   |
|                  | N4-4                 |
|                  | NS3                  |
|                  | NS4                  |
|                  | NZM3                 |
|                  | NZM3-4               |
|                  | NZM3-NA              |
|                  | NZM4                 |
|                  | NZM4-4               |
|                  | NZM4-NA              |
|                  | Accessory            |
|                  | Mechanical interlock |

### 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

Meets the product standard's requirements.

## Resources

### BROCHURES

[eaton-digital-nzm-brochure-br013003en-en-us.pdf](#)

[eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf](#)

### CATALOGS

[eaton-digital-nzm-catalog-ca013003en-en-us.pdf](#)

### DRAWINGS

[eaton-circuit-breaker-mechanical-interlock-nzm-mccb-3d-drawing.eps](#)

[eaton-circuit-breaker-mechanical-interlock-nzm-mccb-3d-drawing-002.eps](#)

### INSTALLATION INSTRUCTIONS

[eaton-mechanical-interlock-nzm4-remote-operator-il01219034z.pdf](#)

### INSTALLATION VIDEOS

[The new digital NZM Range](#)

[Introduction of the new digital circuit breaker NZM](#)

### MCAD MODEL

[DA-CS-nzm\\_xmvr.l](#)

[DA-CD-nzm\\_xmvr.l](#)

### TECHNICAL DATA SHEETS

[eaton-nzm-technical-information-sheet](#)

|                                                                 |                                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>BY INTERNAL ELECT. EFFECTS</b>                               |                                                                                     |
| <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 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>                                                    | NZM3/4                                                                              |
| <b>ACCESSORY/SPARE PART TYPE</b>                                | Remote operator                                                                     |
| <b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>            | 0                                                                                   |
| <b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>              | 0                                                                                   |
| <b>TYPE</b>                                                     | <ul style="list-style-type: none"> <li>• Accessory</li> <li>• Mechanical</li> </ul> |

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interlock

**SPECIAL FEATURES**

- For 2 switches of the same or next frame size with each other
- Extra long bowden cables for mounting under one another or in adjacent control panel sections

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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