

# Eaton 262246

Catalog Number: 262246

Eaton Moeller series NZM - Molded Case Circuit Breaker. Box terminal, 3p, top to 630A

General specifications



Product Name

Eaton Moeller series NZM connection type

Catalog Number

262246

EAN

4015082622466

Product Length/Depth

120.5 mm

Product Height

275 mm

Product Width

140 mm

Product Weight

0.134 kg

Compliances

UL/CSA  
IEC  
RoHS conform

Certifications

UL489  
UL listed  
CSA (File No. 22086)  
CSA (Class No. 1437-01)  
CSA certified  
UL (File No. E31593)  
IEC60947  
UL (Category Control Number DIHS)  
CE marking  
CSA-C22.2 No. 5-09

## Product specifications

### Used with

NZM3(-4), PN3(-4), N(S)3(-4)

### Type

Accessory Box terminal Terminal

### Amperage Rating

630 A

#### 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 by internal elect. effects

Meets the product standard's requirements.

#### 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

#### 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

## Resources

### Brochures

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

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

### Catalogs

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

### Declarations of conformity

[DA-DC-03\\_NZM3](#)

### Drawings

[eaton-circuit-breaker-terminals-nzm-box-terminal-dimensions.eps](#)

### Installation instructions

[IL01208008Z](#)

### Installation videos

[The new digital NZM Range](#)

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

### mCAD model

[DA-CS-nzm3\\_xkc](#)

[DA-CD-nzm3\\_xkc](#)

### Technical data sheets

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

#### 10.2.7 Inscriptions

Meets the product standard's requirements.

#### 10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

#### 10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

#### 10.8 Connections for external conductors

Is the panel builder's responsibility.

#### 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

#### 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

#### 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

#### Frame

NZM3

#### Suitable for

Three-pole

Copper cable

#### Mounting position

Fitted above

#### Number of poles

Three-pole

#### Terminal capacity (copper strip)

Max. 500 A: 6 segments of 16 mm x 0.8 mm - 10 segments of 24 mm x 1 mm or 11 segments of 21 mm x 1 mm

630 A: 10 segments of 24 mm x 1 mm + 5 segments of 24 mm x 1 mm or 8 segments of 24 mm x 1 mm (2x)

#### Model

Other

Terminal capacity (stranded cable)

35 mm<sup>2</sup> - 240 mm<sup>2</sup> (1x)

16 mm<sup>2</sup> - 120 mm<sup>2</sup> (2x)

2 - 500 AWG/kcmil (1x)



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