

Eaton 262245

Catalog Number: 262245

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

General specifications



Product Name

Eaton Moeller series NZM - Molded case circuit breaker

Catalog Number

262245

EAN

4015082622459

Product Length/Depth

120.5 mm

Product Height

275 mm

Product Width

140 mm

Product Weight

0.134 kg

Compliances

IEC
UL/CSA
RoHS conform

Certifications

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

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-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-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-CD-nzm3_xkc](#)

[DA-CS-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

Copper cable

Three-pole

Mounting position

Fitted at the bottom

Number of poles

Three-pole

Terminal capacity (copper strip)

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)

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

Model

Other

Terminal capacity (stranded cable)

16 mm² - 120 mm² (2x)

2 - 500 AWG/kcmil (1x)

35 mm² - 240 mm² (1x)



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