Specifications

Eaton 119861

Catalog Number: 119861

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection width extension, 3p, 2 studs, size 3



General specifications

Product Name
Eaton Moeller series NZM connection type

Catalog Number
119861

EAN
4015081177127

Product Length/Depth
128 mm

Product Height
130 mm

Product Width
120 mm

Product Weight
3.3 kg

Compliances
UL/CSA
IEC
RoHS conform

Certifications
UL listed
UL (File No. E31593)
UL489
IEC60947
CE marking
CSA (Class No. 1432-01)
UL (Category Control Number DIHS)
CSA-C22.2 No. 5-09
CSA certified
CSA (File No. 22086)

Powering Business Worldwide

Product specifications

Used with

NZM4, N(S)4

Type

Accessory Connection width extension Terminal

Special features

Two M12 threaded studs

Amperage Rating

1600 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

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

Declarations of conformity

DA-DC-03_NZM4

Drawings

eaton-circuit-breaker-connection-nzm-mccb-dimensions-002.eps

eaton-circuit-breaker-connection-nzm-mccb-3d-drawing-004.eps

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CS-nzm4_xkv95_2kb

DA-CD-nzm4_xkv95_2kb

Technical data sheets

eaton-nzm-technical-information-sheet

evaluated.

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

NZM4

Suitable for

Copper cable lugs
Three-pole

Number of poles

Three-pole

Terminal capacity (copper strip)

10 segments of 80 mm x 1 mm (2x)

Model

Other

Terminal capacity (stranded cable)

95 mm² - 300 mm² (4x)
500 AWG/kcmil (4x)

Terminal capacity (copper busbar)

10 mm x 80 mm (2x)

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