Specifications

Eaton 119860



Catalog Number: 119860

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

General specifications

Product Name
Eaton Moeller series NZM connection type

Catalog Number
119860

EAN
4015081177110

Product Length/Depth
65 mm

Product Height
18 mm

Product Width
105 mm

Product Weight
0.61 kg

Compliances
IEC
UL/CSA
RoHS conform

Certifications
Request filed for UL and CSA
CSA-C22.2 No. 5-09
CE marking
UL489
IEC60947

Powering Business Worldwide

Product specifications

Used with

NZM3, PN3, N(S)3

Type

Accessory Connection width extension Terminal

Special features

Two holes

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

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-connection-nzm-mccb-3d-drawing-002.eps

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm3_xkv70_2

DA-CS-nzm3_xkv70_2

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

NZM3

Suitable for

Three-pole
Copper cable lugs

Number of poles

Three-pole

Terminal capacity (copper strip)

6 segments of 16 mm x 0.8 mm - 10 segments of 32 mm x 1 mm (2x)

Terminal capacity (flexible cable)

500 AWG/kcmil (4x)
35 mm² - 185 mm² (4x)
50 mm² - 240 mm² (4x)
350 AWG/kcmil (2x)

Terminal capacity (copper busbar)

10 mm x 50 mm (2x)

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