Specifications

Eaton 281595



Catalog Number: 281595

Eaton Moeller series NZM - Molded Case Circuit Breaker. Phase isolator 3p, size 4

General specifications

Product Name
Eaton Moeller series NZM connection type

Catalog Number
281595

EAN
4015082815950

Product Length/Depth
200 mm

Product Height
20 mm

Product Width
120 mm

Product Weight
0.17 kg

Compliances
UL/CSA
IEC
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

N(S)4

NZM4

Type

Accessory Phase isolators Terminal

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.

10.2.7 Inscriptions

Meets the product standard's requirements.

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_NZM4

Drawings

eaton-circuit-breaker-nzm-phase-isolator-dimensions-003.eps

eaton-circuit-breaker-phase-isolator-nzm-3d-drawing-002.eps

Installation instructions

IL01210014Z

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm4_xkp

DA-CS-nzm4_xkp

Technical data sheets

eaton-nzm-technical-information-sheet

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

Number of poles

Three-pole

Phase separator type

Other

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