Specifications

Eaton 284645

Catalog Number: 284645

Eaton Moeller series NZM - Molded Case Circuit Breaker. Insulating surround, for NZM3



General specifications

Product Name
Eaton Moeller series NZM operating element accessory

Catalog Number
284645

EAN
4015082846459

Product Length/Depth
17.5 mm

Product Height
132 mm

Product Width
193.5 mm

Product Weight
0.071 kg

Compliances
IEC
UL/CSA
RoHS conform

Certifications
CSA (File No. 22086)
UL listed
CE marking
CSA certified
CSA (Class No. 1437-01)
UL489
UL (File No. E140305)
UL (Category Control Number DIHS)
IEC60947
CSA-C22.2 No. 5-09

Powering Business Worldwide

Product specifications

Used with

N(S)3(-4)

NZM3(-4)

PN3(-4)

Type

Accessory

Insulating surrounds

Special features

For toggle levers, rotary handles with rotary drive and remote operators

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.

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-insulating-nzm-mccb-dimensions-006.eps

eaton-circuit-breaker-insulating-nzm-mccb-3d-drawing-005.eps

Installation instructions

eaton-nzm-insulating-surround-size1-2-il01219011z.pdf

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm3_xbr

DA-CS-nzm3_xbr

Technical data sheets

eaton-nzm-technical-information-sheet

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.

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.

Color

Black

Frame

NZM3

Degree of protection

IP40

Material

Plastic



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