Specifications

Eaton 271453

Catalog Number: 271453

Eaton Moeller series NZM - Molded Case Circuit Breaker. Rotary handle, black, lockable on the handle, for NZM1, NA type



General specifications

Product Name
Eaton Moeller series NZM operating element NA

Catalog Number
271453

EAN
4015082714536

Product Length/Depth
80 mm

Product Height
54 mm

Product Width
90 mm

Product Weight
0.16 kg

Compliances
UL/CSA
IEC
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

NZM1, N(S)1

Type

Accessory Rotary handle on switch with door interlock

Special features

Complete with rotary drive and insulating surround Cannot be combined with mechanical interlock Makes it possible to operate the switch with a rotational movement and provides locking facilities

Features

Lockable

Standard: black / gray

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

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_NZM1

Drawings

eaton-circuit-breaker-nzm-rotary-handle-dimensions-005.eps

eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps

eaton-circuit-breaker-rotary-handle-nzm-rotary-handle-dimensions.eps

eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing.eps

Installation instructions

eaton-door-coupling-rotary-handle-nzm1-2-xt-il01203005z.pdf

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm1_xd

DA-CS-nzm1_xd

Technical data sheets

eaton-nzm-technical-information-sheet

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.

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

Fitted with:

Padlock

Frame

NZM1

Suitable for

Power circuit breaker
Switch disconnector

Cover/door type

Door interlock can only be switched ON when the door is closed

Door interlock cannot be combined with mechanical locking

Door interlock in ON position

Door interlock not defeated in the locked OFF and ON positions

Door interlock can be defeated from the outside using a 1 mm pin

Door opens only with active rotation beyond the 0 position

Locking facility

Also available with door interlock e.g. for MCC service distribution

Can also be modified in I position

Lockable on the 0 position on the handle using up to 3 padlocks

Degree of protection / NEMA enclosure type

IP40

4X. 12

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