

Eaton 100669

Catalog Number: 100669

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable, max 60mm shaft, size 3

General specifications



Product Name

Eaton Moeller series NZM operating element NA

Catalog Number

100669

EAN

4015081005697

Product Length/Depth

75 mm

Product Height

190 mm

Product Width

90 mm

Product Weight

1.47 kg

Compliances

UL/CSA

IEC

RoHS conform

Certifications

CSA-C22.2 No. 5-09

CSA certified

UL489

CSA (File No. 22086)

CE marking

CSA (Class No. 1437-01)

UL (File No. E140305)

UL (Category Control Number DIHS)

IEC60947

UL listed

Product specifications

Used with

NZM3, N(S)3

Type

Accessory Door coupling rotary handle

Special features

Complete including rotary drive and coupling parts Extension shaft additionally required. Cannot be combined with mechanical interlock For maximum shaft length 60 mm Without shaft support Cannot be combined with NZM...-XDZ additional handle External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door

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

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_NZM3](#)

Drawings

[eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-003.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-006.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps](#)

Installation instructions

[IL01208007Z](#)

Installation videos

[The new digital NZM Range](#)

[Introduction of the new digital circuit breaker NZM](#)

mCAD model

[DA-CD-nzm3_xtvd_60](#)

[DA-CS-nzm3_xtvd_60](#)

Technical data sheets

[eaton-nzm-technical-information-sheet](#)

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.

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

NZM3

Suitable for

Switch disconnector

Power circuit breaker

Cover/door type

Door interlock not defeated in the locked OFF position.
Door opens only with active rotation beyond the 0 position
Door interlock can be modified such that it can be defeated from the outside using a screwdriver

Lock number

Single lockable

Locking facility

With door interlock
Lockable on the handle on the switch using up to 3 padlocks

Degree of protection / NEMA enclosure type

IP66

4X. 12



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