Specifications

# Eaton 100667

## Catalog Number: 100667

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable, max 60mm shaft, size 1




### General specifications

**Product Name**
Eaton Moeller series NZM operating element NA

**Catalog Number**
100667

**EAN**
4015081005673

**Product Length/Depth**
75 mm

**Product Height**
190 mm

**Product Width**
90 mm

**Product Weight**
0.51 kg

**Compliances**
IEC
UL/CSA
RoHS conform

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

Powering Business Worldwide

## Product specifications

### Used with

NZM1, N(S)1

### 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

Standard: black / gray
Lockable

### 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_NZM1

### Drawings

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

eaton-circuit-breaker-interlock-nzm-rotary-handle-dimensions-007.eps

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

eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps

eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.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-CS-nzm1_xtvd_60

DA-CD-nzm1_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

NZM1

### Suitable for

Power circuit breaker

Switch disconnector

### Cover/door type

Door interlock can be modified such that it can be defeated from the outside using a screwdriver

Door interlock not defeated in the locked OFF position.

Door opens only with active rotation beyond the 0 position

### 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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