Specifications

# Eaton 100682

## Catalog Number: 100682

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, red-yellow, lockable, size 4




### General specifications

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

**Catalog Number**
100682

**EAN**
4015081005826

**Product Length/Depth**
230 mm

**Product Height**
130 mm

**Product Width**
230 mm

**Product Weight**
1.78 kg

**Compliances**
UL/CSA
IEC
RoHS conform

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

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## Product specifications

### Used with

NZM4, N(S)4

### Type

Accessory Door coupling rotary handle

### Special features

Complete including rotary drive and coupling parts Cannot be combined with mechanical interlock For extremely narrow fittings With special short extension shaft 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

Red-yellow for emergency switching off
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

Meets the product standard's requirements.

## 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_NZM4

### Drawings

eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-011.eps

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

eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-002.eps

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

eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-005.eps

### Installation instructions

eaton-circuit-breakers-door-coupling-rotary-handle-nzm4-xtvd-hs-instruction-leaflet-il01219003z.pdf

### Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

### mCAD model

DA-CS-nzm4_xtvd_0

DA-CD-nzm4_xtvd_0

### Technical data sheets

eaton-nzm-technical-information-sheet

### 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

NZM4

### Suitable for

Switch disconnector

Power circuit breaker

Emergency stop

### Cover/door type

Door opens only with active rotation beyond the 0 position

Door interlock not defeated in the locked OFF 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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