

# Eaton 100678

Catalog Number: 100678

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

## General specifications



### Product Name

Eaton Moeller series NZM operating element NA

### Catalog Number

100678

### EAN

4015081005789

### 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

CE marking

UL (Category Control Number DIHS)

UL489

IEC60947

CSA certified

CSA (Class No. 1437-01)

UL listed

CSA (File No. 22086)

UL (File No. E140305)

CSA-C22.2 No. 5-09

## 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

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

Meets the product standard's requirements.

## 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\\_NZM4](#)

### Drawings

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-011.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-dimensions-007.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

[The new digital NZM Range](#)

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

### mCAD model

[DA-CD-nzm4\\_xtvd\\_0](#)

[DA-CS-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

Power circuit breaker

Switch disconnecter

### Cover/door type

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

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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