

# Eaton 260142

Catalog Number: 260142

Eaton Moeller series NZM - Molded Case Circuit Breaker. Rotary handle, red-yellow, lockable on the handle, size 1

General specifications



Product Name	Catalog Number
Eaton Moeller series NZM operating element	260142
	EAN
	4015082601423
Product Length/Depth	Product Height
80 mm	54 mm
Product Width	Product Weight
90 mm	0.29 kg
Compliances	Certifications
UL/CSA	IEC60947
IEC	UL listed
RoHS conform	CSA (Class No. 1437-01)
	CSA (File No. 22086)
	UL (Category Control Number DIHS)
	CE marking
	CSA certified
	UL489
	UL (File No. E140305)
	CSA-C22.2 No. 5-09

## Product specifications

### Used with

NZM1(-4), PN1(-4), N(S)1(-4)

### Type

Accessory Rotary handle on switch with door interlock

### Special features

Complete with rotary drive and insulating surround Makes it possible to operate the switch with a rotational movement and provides locking facilities

### 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.

#### 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be

## 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-rotary-handle-nzm-rotary-handle-dimensions.eps](#)

[eaton-circuit-breaker-nzm-rotary-handle-dimensions-005.eps](#)

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

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

### Installation instructions

[IL01206003Z](#)

### Installation videos

[The new digital NZM Range](#)

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

### mCAD model

[DA-CD-nzm1\\_xd](#)

[DA-CS-nzm1\\_xd](#)

### Technical data sheets

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

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

Red

#### Fitted with:

Padlock

#### Frame

NZM1

#### Activation type

Rotary handle

#### Suitable for

Power circuit breaker

Emergency stop

Switch disconnecter

### Cover/door type

Door interlock not defeated in the locked OFF and ON positions  
Door interlock can only be switched ON when the door is closed  
Door can be opened in OFF  
Door interlock can be defeated from the outside using a 1 mm pin  
Door interlock in ON position

### Locking facility

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