Specifications

# Eaton 118988



## Catalog Number: 118988

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle, size 3

### General specifications

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

**Catalog Number**
118988

**EAN**
4015081171255

**Product Length/Depth**
440 mm

**Product Height**
230 mm

**Product Width**
250 mm

**Product Weight**
2.7 kg

**Compliances**
IEC
UL/CSA
RoHS conform

**Certifications**
Specially designed for North America
UL (Category Control Number DIHS)
NFPA79
UL508A
UL listed
CSA (Class No. 1437-01)
CE marking
CSA-C22.2 No. 5-09
CSA certified
CSA (File No. 22086)
UL489
IEC60947
UL (File No. E140305)

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## Product specifications

### Used with

NZM3(-4)

PN3(-4)

N(S)3(-4)

### Type

Accessory Main switch assembly kit

### Special features

External warning plate/designation label can be clipped on. For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger. Kit for use as a main switch

### Features

With black door coupling rotary handle

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_NZM3

### Drawings

eaton-circuit-breaker-switch-nzm-mccb-dimensions-002.eps

eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps

### Installation instructions

eaton-circuit-breakers-door-coupling-rotary-handle-nzm3-xhb-da-instruction-leaflet-il01219015z.pdf

### Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

### mCAD model

DA-CD-nzm3_xhb

DA-CS-nzm3_xhb

### 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:

Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2
Extension shaft NZM…-XV6 for mounting depth 600 mm
External warning plate/marking plate in German/English
Door coupling rotary handle with rotary drive
Black and yellow lightning symbol
Padlock

### Frame

NZM3

### Suitable for

Switch disconnector

Power circuit breaker

### 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 interlock on OFF with max. 3 padlocks

After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF

### Locking facility

With door interlock

Can also be modified in I position

Lockable on the switch in the 0 position

Lockable on the 0 position on the handle using up to 3 padlocks

### Degree of protection / NEMA enclosure type

IP66

4X. 12

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