

Eaton 100681

Catalog Number: 100681

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, red-yellow, lockable, size 3

General specifications



Product Name

Eaton Moeller series NZM operating element NA

Catalog Number

100681

EAN

4015081005819

Product Length/Depth

100 mm

Product Height

230 mm

Product Width

120 mm

Product Weight

1.47 kg

Compliances

UL/CSA

IEC

RoHS conform

Certifications

CE marking

CSA (File No. 22086)

UL489

IEC60947

UL (File No. E140305)

UL (Category Control Number DIHS)

CSA certified

CSA (Class No. 1437-01)

UL listed

CSA-C22.2 No. 5-09

Product specifications

Used with

NZM3, N(S)3

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-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-door-nzm-rotary-handle-dimensions-006.eps](#)

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

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-003.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps](#)

Installation instructions

[eaton-circuit-breakers-nzm3-xt-vd-hs-door-coupling-rotary%20handle-instruction-leaflet-il01222001z.pdf](#)

Installation videos

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

[The new digital NZM Range](#)

mCAD model

[DA-CD-nzm3_xtvd_0](#)

[DA-CS-nzm3_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

Extension shaft

Frame

NZM3

Suitable for

Switch disconnecter

Power circuit breaker

Emergency stop

Cover/door type

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

Lockable on the handle on the switch using up to 3 padlocks

With door interlock

Degree of protection / NEMA enclosure type

IP66

4X. 12



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