

Eaton 100680

Catalog Number: 100680

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, red-yellow, lockable, size 2

General specifications



Product Name

Eaton Moeller series NZM operating element NA

Catalog Number

100680

EAN

4015081005802

Product Length/Depth

100 mm

Product Height

190 mm

Product Width

110 mm

Product Weight

0.72 kg

Compliances

IEC
UL/CSA
RoHS conform

Certifications

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

Product specifications

Used with

NZM2, N(S)2

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_NZM2](#)

Drawings

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-008.eps](#)

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

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

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

Installation instructions

[eaton-circuit-breaker-rotary-handle-nzm1-2-il01219004z.pdf](#)

Installation videos

[The new digital NZM Range](#)

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

mCAD model

[DA-CD-nzm2_xtvd_0](#)

[DA-CS-nzm2_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

NZM2

Suitable for

Emergency stop

Switch disconnecter

Power circuit breaker

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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