

Eaton 100671

Catalog Number: 100671

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, red-yellow max 60mm shaft, size 1

General specifications



Product Name	Catalog Number
Eaton Moeller series NZM operating element NA	100671
	EAN
	4015081005710
Product Length/Depth	Product Height
75 mm	190 mm
Product Width	Product Weight
90 mm	0.51 kg
Compliances	Certifications
UL/CSA	CE marking
IEC	UL listed
RoHS conform	CSA-C22.2 No. 5-09
	UL489
	CSA (Class No. 1437-01)
	CSA (File No. 22086)
	UL (File No. E140305)
	UL (Category Control Number DIHS)
	IEC60947
	CSA certified

Product specifications

Used with

NZM1, N(S)1

Type

Accessory Door coupling rotary handle

Special features

Complete including rotary drive and coupling parts Extension shaft additionally required. Cannot be combined with mechanical interlock For maximum shaft length 60 mm Without shaft support 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

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

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

[eaton-circuit-breaker-interlock-nzm-rotary-handle-dimensions-007.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps](#)

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

Installation instructions

[eaton-door-coupling-rotary-handle-nzm1-2-xt-il01203005z.pdf](#)

Installation videos

[The new digital NZM Range](#)

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

mCAD model

[DA-CD-nzm1_xtvd_60](#)

[DA-CS-nzm1_xtvd_60](#)

Technical data sheets

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

Meets the product standard's requirements.

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

Red

Fitted with:

Padlock

Extension shaft

Frame

NZM1

Suitable for

Switch disconnecter

Emergency stop

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

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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