Specifications

Eaton 100679

Catalog Number: 100679

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, red-yellow, lockable, size 1



General specifications

Product Name
Eaton Moeller series NZM - Molded case circuit breaker

Catalog Number
100679

EAN
4015081005796

Product Length/Depth
75 mm

Product Height
190 mm

Product Width
90 mm

Product Weight
0.51 kg

Compliances
UL/CSA
IEC
RoHS conform

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

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Product specifications

Used with

NZM1, N(S)1

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

Lockable

Red-yellow for emergency switching off

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

Drawings

eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps

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-008.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

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm1_xtvd_0

DA-CS-nzm1_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

Red

Fitted with:

Padlock

Extension shaft

Frame

NZM1

Suitable for

Emergency stop

Power circuit breaker

Switch disconnector

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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