Specifications

Eaton 271455

Catalog Number: 271455

Eaton Moeller series NZM - Molded Case Circuit Breaker. Rotary handle, red, lockable on the handle, NA type, 1



General specifications

Product Name
Eaton Moeller series NZM operating element NA

Catalog Number
271455

EAN
4015082714550

Product Length/Depth
80 mm

Product Height
54 mm

Product Width
90 mm

Product Weight
0.148 kg

Compliances
IEC
UL/CSA
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

NZM1, N(S)1

Type

Accessory Rotary handle on switch with door interlock

Special features

Complete with rotary drive and insulating surround Cannot be combined with mechanical interlock Makes it possible to operate the switch with a rotational movement and provides locking facilities

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.

10.2.5 Lifting

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-rotary-handle-nzm-rotary-handle-dimensions.eps

eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps

eaton-circuit-breaker-nzm-rotary-handle-dimensions-005.eps

eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing.eps

Installation instructions

eaton-door-coupling-rotary-handle-nzm1-2-xt-il01203005z.pdf

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm1_xd

DA-CS-nzm1_xd

Technical data sheets

eaton-nzm-technical-information-sheet

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 disconnector

Power circuit breaker

Emergency stop

Cover/door type

Door opens only with active rotation beyond the 0 position
Door interlock not defeated in the locked OFF and ON positions
Door interlock cannot be combined with mechanical locking
Door interlock in ON position
Door interlock can be defeated from the outside using a 1 mm pin
Door interlock can only be switched ON when the door is closed

Locking facility

Lockable on the 0 position on the handle using up to 3 padlocks
Also available with door interlock e.g. for MCC service distribution

Degree of protection / NEMA enclosure type

IP40
4X. 12

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