Specifications

Eaton 118989



Catalog Number: 118989

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle red, size 3

General specifications

Product Name
Eaton Moeller series NZM operating element

Catalog Number
118989

EAN
4015081171262

Product Length/Depth
440 mm

Product Height
230 mm

Product Width
250 mm

Product Weight
2.7 kg

Compliances
UL/CSA
IEC
RoHS conform

Certifications
CE marking
NFPA79
CSA (Class No. 1437-01)
UL489
UL listed
UL (File No. E140305)
UL (Category Control Number DIHS)
Specially designed for North America
IEC60947
UL508A
CSA (File No. 22086)
CSA-C22.2 No. 5-09
CSA certified

Powering Business Worldwide

Product specifications

Used with

PN3(-4)
NZM3(-4)
N(S)3(-4)

Type

Accessory
Main switch assembly kit

Special features

External warning plate/designation label can be clipped on.
For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger.
Kit for use as a main switch

Features

With red door coupling rotary handle for use of switch as emergency switching off device
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

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_NZM3

Drawings

eaton-circuit-breaker-switch-nzm-mccb-dimensions-002.eps

eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps

Installation instructions

eaton-circuit-breakers-door-coupling-rotary-handle-nzm3-xhb-da-instruction-leaflet-il01219015z.pdf

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm3_xhb

DA-CS-nzm3_xhb

Technical data sheets

eaton-nzm-technical-information-sheet

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

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:

Black and yellow lightning symbol
Door coupling rotary handle with rotary drive
Extension shaft NZM…-XV6 for mounting depth 600 mm
Extension shaft
External warning plate/marking plate in German/English
Add-on rotary handle on switch with "Deliberate Action"
operation as per NFPA79 and UL508A Part 2
Padlock

Frame

NZM3

Suitable for

Emergency stop
Power circuit breaker
Switch disconnector

Cover/door type

Door interlock can be modified such that it can be defeated from the outside using a screwdriver
Door interlock on OFF with max. 3 padlocks
After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF
Door interlock not defeated in the locked OFF position.

Number of poles

Single-pole

Locking facility

With door interlock
Lockable on the 0 position on the handle using up to 3 padlocks
Can also be modified in I position
Lockable on the switch in the 0 position

Degree of protection / NEMA enclosure type

IP66
4X. 12



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