Specifications

Eaton 271779



Catalog Number: 271779

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, black

General specifications

Product Name
Eaton Moeller series NZM operating element

Catalog Number
271779

EAN
4015082717797

Product Length/Depth
250 mm

Product Height
165 mm

Product Width
165 mm

Product Weight
2.007 kg

Compliances
IEC
UL/CSA
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

N(S)4(-4)
NZM4(-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 black door coupling rotary handle
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.

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_NZM4

Drawings

eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-011.eps

eaton-circuit-breaker-switch-nzm-mccb-dimensions-003.eps

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

nzm4_xhb_r.stp

nzm4_xhb_r

Technical data sheets

eaton-nzm-technical-information-sheet

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

Black

Fitted with:

Door coupling rotary handle with rotary drive

Black and yellow lightning symbol

External warning plate/marking plate in German/English

Extension shaft

NZM...-XV4 extension shaft

Padlock

Frame

NZM4

Suitable for

Switch disconnector

Power circuit breaker

Cover/door type

Door interlock can only be switched ON when the door is closed

Door interlock on OFF with max. 3 padlocks

Door interlock not defeated in the locked OFF position.

Door interlock can also be modified in I position

After the door interlock is activated, must not be opened while on

ON or TRIP. Must only be opened on OFF

Door interlock can be modified such that it can be defeated from the outside using a screwdriver

Locking facility

Lockable on the 0 position on the handle using up to 3 padlocks

With door interlock

Can also be modified in I position

Degree of protection / NEMA enclosure type

IP66

4X. 12

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