Specifications

Eaton 100686

Catalog Number: 100686

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable on the handle+switch, size 4, NA



General specifications

Product Name
Eaton Moeller series NZM operating element NA

Catalog Number
100686

EAN
4015081005864

Product Length/Depth
230 mm

Product Height
130 mm

Product Width
230 mm

Product Weight
1.78 kg

Compliances
UL/CSA
IEC
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

NZM4, N(S)4

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 External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door

Features

Standard: black / gray
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.

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

eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-007.eps

eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-005.eps

Installation instructions

IL01210003Z

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CS-nzm4_xtvd

DA-CD-nzm4_xtvd

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

Black

Fitted with:

Padlock

Extension shaft

Frame

NZM4

Suitable for

Switch disconnector

Power circuit breaker

Cover/door type

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

Door opens only with active rotation beyond the 0 position

Door interlock not defeated in the locked OFF position.

Lock number

Double lockable

Locking facility

With door interlock

Lockable on the handle on the switch using up to 3 padlocks

Degree of protection / NEMA enclosure type

IP66

4X. 12

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