Specifications

Eaton 116897

Catalog Number: 116897

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle, size 2, NA type



General specifications

Product Name
Eaton Moeller series NZM operating element NA

Catalog Number
116897

EAN
4015081166374

Product Length/Depth
100 mm

Product Height
432 mm

Product Width
105 mm

Product Weight
0.806 kg

Compliances
IEC
UL/CSA
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

N(S)2(-4)
PN2(-4)
NZM2(-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.

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-feerum-the-whole-grain-solution-success-story-en-us.pdf

eaton-digital-nzm-brochure-br013003en-en-us.pdf

Catalogs

eaton-digital-nzm-catalog-ca013003en-en-us.pdf

Declarations of conformity

DA-DC-03_NZM2

Drawings

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

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

Installation instructions

eaton-door-coupling-handle-north-america-variant-nzm2-xhb-il01206008z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CS-nzm2_xhb_da

DA-CD-nzm2_xhb_da

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:

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

Frame

NZM2

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 interlock not defeated in the locked OFF position.

With activated door interlock. Cannot be opened in ON, OFF, or TRIP. Can only be opened in RESET.

Door interlock on OFF with max. 3 padlocks

Locking facility

With door interlock

Lockable on the switch in the 0 position

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

Can also be modified in I position

Degree of protection / NEMA enclosure type

IP66

4X. 12

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