Specifications

Eaton 266665

Catalog Number: 266665

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, right, frame size 1, M



General specifications

Product Name
Eaton Moeller series NZM operating element

Catalog Number
266665

EAN
4015082666651

Product Length/Depth
190 mm

Product Height
180 mm

Product Width
145 mm

Product Weight
1.541 kg

Compliances
IEC
UL/CSA
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

NZM1(-4)

N(S)1(-4)

PN1(-4)

Type

Accessory Main switch assembly kit for side panel mounting

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

Standard: black / gray

Lockable

For direct mounting of circuit-breaker and handle in the side wall of the control cabinet

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.

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-switch-nzm-mccb-dimensions-007.eps

eaton-circuit-breaker-mounting-nzm-mccb-3d-drawing.eps

Installation instructions

eaton-side-wall-actuator-nzm1-xs-xzb-il01203006z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

nzm1_xsrm_r.stp

nzm1_xsrm_r.dwg

Technical data sheets

eaton-nzm-technical-information-sheet

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:

Special short extension shaft
Door coupling rotary handle
Black and yellow lightning symbol
External warning plate/marking plate in German/English
Mounting brackets

Extension shaft

Padlock

Frame

NZM1

Activation type

Actuation on the right

Suitable for

Switch disconnector

Power circuit breaker

Cover/door type

Door interlock extension cannot be used.

Door interlock can also be modified in I position

Door interlock lockable in 0 position on handle

Narrowest minimum clearance between enclosure side plates of control panel and circuit breaker is defined by mounting bracket.

Degree of protection / NEMA enclosure type

IP66

4X. 12

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