Specifications

Eaton 289809



Catalog Number: 289809

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, handle red, on the right side

General specifications

Product Name
Eaton Moeller series NZM operating element

Catalog Number
289809

EAN
4015082898090

Product Length/Depth
250 mm

Product Height
165 mm

Product Width
165 mm

Product Weight
2.715 kg

Compliances
IEC
UL/CSA
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

N(S)4(-4)

NZM4(-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

Actuation of the switch on the control panel side wall

Lockable

Red-yellow for emergency switching off

Switch mounting on mounting plate

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

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_NZM4

Drawings

eaton-circuit-breaker-switch-nzm-mccb-dimensions-004.eps

Installation instructions

eaton-circuit-breaker-side-wall-actuator-nzm4-il01219029z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CS-nzm4_xs_r_r

DA-CD-nzm4_xs_r_r

Technical data sheets

eaton-nzm-technical-information-sheet

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:

External warning plate/marking plate in German/English
Door coupling rotary handle
Black and yellow lightning symbol
NZM...-XV4 extension shaft
Padlock

Frame

NZM4

Activation type

Actuation on the right

Suitable for

Emergency stop

Power circuit breaker

Switch disconnector

Cover/door type

Door interlock lockable on OFF with max. 3 padlocks

Degree of protection / NEMA enclosure type

IP66

4X. 12

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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