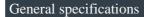
# Eaton 266453

# Catalog Number: 266453

Eaton Moeller series NZM - Molded Case Circuit Breaker. Shunt release, 480-525VAC/DC, 4



**Product Name** 

Eaton Moeller series NZM release

EAN

4015082664534

Product Height

51 mm

Product Weight

0.218 kg

Catalog Number

266453

Product Length/Depth

107 mm

**Product Width** 

64 mm

Compliances

UL/CSA

IEC

RoHS conform





# Product specifications

#### Used with

NZM4(-4), N(S)4(-4)

#### Type

Accessory

Shunt release

#### Special features

Switches are tripped by a

voltage pulse or by the

application of uninterrupted

voltage.

If the shunt trip is live,

contact with the circuit

breaker's primary contacts is

prevented when switched

on.

Shunt releases cannot be

installed simultaneously with

NZM...-XHIV... early-make

auxiliary contact or NZM...-

XU... undervoltage release.

#### 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

#### 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

#### eCAD model

DA-CE-ETN.NZM4-XA480-525AC\_DC

#### Installation instructions

 $eaton\hbox{-}circuit\hbox{-}breaker\hbox{-}voltage\hbox{-}release\hbox{-}nzm4\hbox{-}il012143zu.pdf$ 

#### Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

#### Technical data sheets

eaton-nzm-technical-information-sheet

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.

#### 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.

#### Electric connection type

Screw connection

#### Frame

NZM4

Number of contacts (normally open contacts) Rated control supply voltage (Us) at AC, 50 Hz - max 525 V Rated control supply voltage (Us) at AC, 50 Hz - min 480 V Rated control supply voltage (Us) at AC, 60 Hz - max 525 V Rated control supply voltage (Us) at AC, 60 Hz - min 480 V Suitable for Off-load switch Voltage type AC Rated control supply voltage (Us) at DC - max

Rated control supply voltage (Us) at DC - min

24 V

525 V

Number of contacts (normally closed contacts)

Number of contacts (change-over contacts)

0

Undelayed short-circuit release - min

0 A

Undelayed short-circuit release - max

0 A



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