Specifications

# Eaton 266596

## Catalog Number: 266596

Eaton Moeller series NZM - Molded Case Circuit Breaker. Undervoltage release for switch frame size NZM4, with 2 early-make auxiliary contacts N/O, for combination with separate delay unit




### General specifications

**Product Name**
Eaton Moeller series NZM release

**Catalog Number**
266596

**EAN**
4015082665968

**Product Length/Depth**
107 mm

**Product Height**
51 mm

**Product Width**
64 mm

**Product Weight**
0.24 kg

**Compliances**
IEC
RoHS conform

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

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## Product specifications

### Used with

N(S)4(-4)

NZM4(-4)

### Type

Accessory Undervoltage release Undervoltage release for use with delay unit UVU

### Special features

Combination of separate delay unit and special releases. For use with emergency-stop devices in connection with an emergency-stop button. not UL/CSA approved Special releases for combining with separate delay time. UVU-NZM delay unit is additionally required. Cannot be installed simultaneously with separate NZM...-XHIV early-make auxiliary contact or NZM...-XA... shunt release. Cannot be used in conjunction with NZM...-XR... remote operator. Early make of auxiliary contact on switching on (manual operation): approx. 90 ms.

### 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_NZM4

### eCAD model

DA-CE-ETN.NZM4-XUVHIV

### Installation instructions

IL01206003Z

eaton-circuit-breaker-voltage-release-nzm4-il012143zu.pdf

eaton-circuit-breaker-voltage-release-nzm4-il01210005z.pdf

### Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

### 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.

### Electric connection type

Screw connection

### Fitted with:

Two early-make auxiliary contacts

### Frame

NZM4

### Number of contacts (normally open contacts)

1

Rated control supply voltage (Us) at AC, 50 Hz - max

0 V

Rated control supply voltage (Us) at AC, 50 Hz - min

0 V

Rated control supply voltage (Us) at AC, 60 Hz - max

0 V

Rated control supply voltage (Us) at AC, 60 Hz - min

0 V

Voltage rating at DC

18 V DC

Suitable for

Off-load switch

Connection type

With bolt connection

Voltage type

AC

Functions

Delayed

Terminal capacity (solid/flexible conductor)

0.75 mm² - 2.5 mm² (1x) at shunt release with ferrule
18 - 14 AWG (1x) at shunt release
18 - 14 AWG (1x) for undervoltage releases, off-delayed
0.75 mm² - 2.5 mm² (1x) for undervoltage releases, off-delayed with ferrule
18 - 14 AWG (2x) for undervoltage releases, off-delayed
0.75 mm² - 2.5 mm² (2x) at shunt release with ferrule
18 - 14 AWG (2x) at shunt release
0.75 mm² - 2.5 mm² (2x) for undervoltage releases, off-delayed with ferrule

Rated control supply voltage (Us) at DC - max

0 V

Rated control supply voltage (Us) at DC - min

0 V

Number of contacts (normally closed contacts)

0

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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