

# Eaton 266172

Catalog Number: 266172

Eaton Moeller series NZM - Molded Case Circuit Breaker. Auxiliary contact, 2early N/O, operates as an early-make contact, 4

General specifications



Product Name	Catalog Number
Eaton Moeller series NZM auxiliary contact	266172
	EAN
	4015082661724
Product Length/Depth	Product Height
107 mm	51 mm
Product Width	Product Weight
64 mm	0.129 kg
Compliances	Certifications
RoHS conform	IEC60947
	CSA certified
	CSA (Class No. 1437-01)
	UL489
	CE marking
	UL listed
	CSA (File No. 22086)
	UL (File No. E140305)
	UL (Category Control Number DIHS)
	CSA-C22.2 No. 5-09

## Product specifications

### Used with

FAZ-B6 (max. miniature circuit breaker)

### Special features

C300/R300 (auxiliary contacts, UL/CSA, pilot duty)

#### 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.

#### 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

## 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](#)

### Drawings

[eaton-circuit-breaker-undervoltage-nzm-mccb-3d-drawing-002.eps](#)

### eCAD model

[DA-CE-ETN.NZM4-XHIV](#)

### Installation instructions

[eaton-circuit-breaker-voltage-release-nzm4-il01210005z.pdf](#)

[eaton-circuit-breaker-voltage-release-nzm4-il012143zu.pdf](#)

### Installation videos

[Introduction of the new digital circuit breaker NZM](#)

[The new digital NZM Range](#)

### Technical data sheets

[eaton-nzm-technical-information-sheet](#)

### Wiring diagrams

[eaton-circuit-breaker-contact-nzm-mccb-wiring-diagram.eps](#)

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.

#### Mounting Method

Other

#### Connection type

Screw connection

#### Conventional thermal current Ith of auxiliary contacts

4 A

#### Number of contacts (change-over contacts)

0

#### Number of contacts (normally closed contacts)

0

#### Number of contacts (normally open contacts)

2

#### Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V

4 A

#### Voltage rating at AC

500 V AC

#### Voltage rating at DC

220 VDC

Number of fault-signal switches

0

Rated operational current

2.5 A at 240 V AC (UL/CSA)

1 A at 250 V DC (UL/CSA)

Fuse short-circuit protection - max

10 A gG/gL

Model

Integrable

Terminal capacity (solid/flexible conductor)

0.75 mm² - 2.5 mm² (2x) at auxiliary contacts with ferrule

0.75 mm² - 2.5 mm² (1x) at auxiliary contacts with ferrule

18 - 14 AWG (1x) at auxiliary contacts

18 - 14 AWG (2x) at auxiliary contacts

Lamp holder

None



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