Specifications

# Eaton 286004

## Catalog Number: 286004

Eaton Moeller series NZM - Molded Case Circuit Breaker. Magnetic shielding for transformers 140




### General specifications

**Product Name**
Eaton Moeller series NZM release

**Catalog Number**
286004

**EAN**
4015082860042

**Product Length/Depth**
153 mm

**Product Height**
145 mm

**Product Width**
145 mm

**Product Weight**
2.197 kg

**Compliances**
RoHS conform

**Certifications**
IEC

Powering Business Worldwide

## Product specifications

### Used with

PFR-W-140

### Type

Accessory Earth-fault releases, transformer Voltage trip

### 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-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_PFR

### Drawings

eaton-circuit-breaker-nzm-mccb-dimensions-008.eps

### Installation instructions

IL01219036Z

### Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

### Technical data sheets

eaton-nzm-technical-information-sheet

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.

### Frame

NZM1/2/3/4

### Power on-delay time - max

0 ms

### Power on-delay time - min

0 ms

### 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

### Rated control supply voltage (Us) at DC - max

0 V

### Rated control supply voltage (Us) at DC - min

0 V

Rated fault current - max

0 A

Rated fault current - min

0 A

Rated operating voltage (Ue) - max

0 V

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