

# Specifications



Photo is representative

## Eaton 271512

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, red-yellow, max 60mm shaft, size 1

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series NZM operating element
<b>CATALOG NUMBER</b>	271512
<b>MODEL CODE</b>	NZM1-XTVDVR-60
<b>EAN</b>	4015082715120
<b>PRODUCT LENGTH/DEPTH</b>	75 mm
<b>PRODUCT HEIGHT</b>	190 mm
<b>PRODUCT WIDTH</b>	90 mm
<b>PRODUCT WEIGHT</b>	0.645 kg
<b>COMPLIANCES</b>	UL/CSA IEC RoHS conform
<b>CERTIFICATIONS</b>	CSA (File No. 22086) IEC60947 CSA certified UL (Category Control Number DIHS) CSA (Class No. 1437-01) UL (File No. E140305) CE marking CSA-C22.2 No. 5-09 UL listed UL489

## Product specifications

<b>USED WITH</b>	NZM1(-4), PN1(-4), N(S)1(-4)
<b>FEATURES</b>	Lockable Red-yellow for emergency switching off
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.

## Resources

### BROCHURES

[eaton-digital-nzm-brochure-br013003en-en-us.pdf](#)

[eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf](#)

### CATALOGUES

[eaton-digital-nzm-catalog-ca013003en-en-us.pdf](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps](#)

[eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-005.eps](#)

[eaton-circuit-breaker-interlock-nzm-rotary-handle-dimensions-007.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps](#)

### DRAWINGS

### INSTALLATION INSTRUCTIONS

[eaton-door-coupling-rotary-handle-nzm1-2-xt-il01203005z.pdf](#)

### INSTALLATION VIDEOS

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

[The new digital NZM Range](#)

### MCAD MODEL

[DA-CS-nzm1\\_xtvd\\_60](#)

[DA-CD-nzm1\\_xtvd\\_60](#)

### TECHNICAL DATA SHEETS

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

<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>COLOR</b>	Red
<b>FITTED WITH:</b>	Padlock Extension shaft
<b>FRAME</b>	NZM1
<b>SUITABLE FOR</b>	Power circuit breaker Emergency stop Switch disconnector
<b>COVER/DOOR TYPE</b>	Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door can be opened in OFF Door interlock can be modified in the unlocked ON position Door interlock not defeated in the locked OFF position.
<b>LOCK NUMBER</b>	Double lockable
<b>LOCKING FACILITY</b>	Lockable on the handle on the switch using up to 3 padlocks

	With door interlock
<b>TYPE</b>	Accessory Door coupling rotary handle
<b>SPECIAL FEATURES</b>	Complete including rotary drive and coupling parts Extension shaft additionally required. For maximum shaft length 60 mm Without shaft support Cannot be combined with NZM...-XDZ additional handle External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door
<b>DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE</b>	IP66 4X. 12

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



**Eaton Corporation plc**

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

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