

# Specifications



Photo is representative

## Eaton 285280

Eaton Moeller series NZM - Molded Case Circuit Breaker. Rotary handle, toggle, red, lockable, size 2

### General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	285280
MODEL CODE	NZM2-XDVGR
EAN	4015082852801
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	100 mm
PRODUCT WIDTH	105 mm
PRODUCT WEIGHT	0.33 kg
COMPLIANCES	UL/CSA IEC RoHS conform
GLOBAL CATALOG	285280

## Product specifications

<b>USED WITH</b>	NZM2(-4), PN2(-4), N(S)2(-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

<b>BROCHURES</b>	<a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a> <a href="#">eaton-digital-nzm-brochure-br013003en-en-us.pdf</a>
<b>CATALOGS</b>	<a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a> <a href="#">eaton-circuit-breaker-nzm-rotary-handle-dimensions-006.eps</a> <a href="#">eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps</a> <a href="#">eaton-circuit-breaker-rotary-handle-nzm-rotary-handle-3d-drawing-002.eps</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">eaton-circuit-breaker-rotary-drive-nzm4-il01210004z.pdf</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Introduction of the new digital circuit breaker NZM</a> <a href="#">The new digital NZM Range</a>
<b>MCAD MODEL</b>	<a href="#">DA-CS-nzm2_xd</a> <a href="#">DA-CD-nzm2_xd</a>
<b>TECHNICAL DATA SHEETS</b>	<a href="#">eaton-nzm-technical-information-sheet</a>

<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>	NZM2
<b>ACTIVATION TYPE</b>	Rotary handle
<b>SUITABLE FOR</b>	Power circuit breaker Emergency stop Switch disconnecter
<b>LOCKING FACILITY</b>	Lockable on the 0 position on the handle using up to 3 padlocks
<b>TYPE</b>	Accessory Rotary handle on circuit-breaker
<b>SPECIAL FEATURES</b>	Complete with rotary drive Can be combined with insulating surround MODAN handle position detection by wire release can be retrofitted Makes it possible to operate the switch with a rotational movement and provides locking facilities

<b>DEGREE OF PROTECTION</b>	IP20
<b>/ NEMA ENCLOSURE TYPE</b>	4X, 12

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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