

# Specifications



Photo is representative

## Eaton 279400

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

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series NZM operating element
<b>CATALOG NUMBER</b>	279400
<b>MODEL CODE</b>	NZM1-XTVDVR-0
<b>EAN</b>	4015082794002
<b>PRODUCT LENGTH/DEPTH</b>	75 mm
<b>PRODUCT HEIGHT</b>	190 mm
<b>PRODUCT WIDTH</b>	90 mm
<b>PRODUCT WEIGHT</b>	0.564 kg
<b>COMPLIANCES</b>	UL/CSA IEC RoHS conform
<b>CERTIFICATIONS</b>	UL489 CSA (Class No. 1437-01) CSA (File No. 22086) IEC60947 CE marking CSA-C22.2 No. 5-09 UL listed CSA certified UL (Category Control Number DIHS) UL (File No. E140305)

## Product specifications

<b>USED WITH</b>	NZM1(-4), PN1(-4), N(S)1(-4)
<b>FEATURES</b>	Red-yellow for emergency switching off Lockable
<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>CATALOGUES</b>	<a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a> <a href="#">eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps</a> <a href="#">eaton-circuit-breaker-interlock-nzm-rotary-handle-dimensions-008.eps</a>
<b>DRAWINGS</b>	<a href="#">eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-005.eps</a> <a href="#">eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps</a> <a href="#">eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">eaton-circuit-breaker-rotary-handle-nzm1-2-il01219004z.pdf</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">The new digital NZM Range</a> <a href="#">Introduction of the new digital circuit breaker NZM</a>
<b>MCAD MODEL</b>	<a href="#">DA-CS-nzm1_xtvd_0</a> <a href="#">DA-CD-nzm1_xtvd_0</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
<b>FRAME</b>	NZM1
<b>SUITABLE FOR</b>	Switch disconnecter Emergency stop Power circuit breaker
<b>COVER/DOOR TYPE</b>	Door interlock not defeated in the locked OFF position. Door can be opened in OFF Door interlock can be modified in the unlocked ON position Door interlock can be modified such that it can be defeated from the outside using a screwdriver
<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>	<ul style="list-style-type: none"><li>• Accessory</li><li>• Door coupling rotary handle</li></ul>
<b>SPECIAL FEATURES</b>	<ul style="list-style-type: none"><li>• Complete including rotary drive and coupling parts</li><li>• For extremely narrow fittings</li><li>• With special short extension shaft</li><li>• Cannot be combined with NZM...-XDZ additional handle</li><li>• External warning plate/designation label can be clipped on.</li><li>• Door coupling rotary handle for operating the switch through a closed control panel door</li></ul>
<b>DEGREE OF PROTECTION</b>	IP66
<b>/ NEMA ENCLOSURE TYPE</b>	4X, 12

<b>PROJECT NAME:</b>
<b>PROJECT NUMBER:</b>
<b>PREPARED BY:</b>
<b>DATE:</b>



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