

# Specifications

## Eaton 100676

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable, size 2

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series NZM - Molded case circuit breaker
<b>CATALOG NUMBER</b>	100676
<b>MODEL CODE</b>	NZM2-XTVDV-0-NA
<b>EAN</b>	4015081005765
<b>PRODUCT LENGTH/DEPTH</b>	75 mm
<b>PRODUCT HEIGHT</b>	190 mm
<b>PRODUCT WIDTH</b>	90 mm
<b>PRODUCT WEIGHT</b>	0.71 kg
<b>WARRANTY</b>	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
<b>COMPLIANCES</b>	UL/CSA IEC RoHS conform
<b>CERTIFICATIONS</b>	UL (Category Control Number DIHS) IEC60947 UL listed UL489 CE marking CSA certified UL (File No. E140305) CSA (File No. 22086) CSA (Class No. 1437-01) CSA-C22.2 No. 5-09
<b>GLOBAL CATALOG</b>	100676

## Product specifications

<b>USED WITH</b>	NZM2, N(S)2
<b>FEATURES</b>	Standard: black / gray 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.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.

## Resources

<b>BROCHURES</b>	<a href="#">eaton-digital-nzm-brochure-br013003en-en-us.pdf</a> <a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a>
<b>CATALOGS</b>	<a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">DA-DC-03 NZM2</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-008.eps</a> <a href="#">eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.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-nzm2_xtvd_0</a> <a href="#">DA-CD-nzm2_xtvd_0</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - 100676</a>
<b>TECHNICAL DATA SHEETS</b>	<a href="#">eaton-nzm-technical-information-sheet</a>

<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>	Black
<b>FITTED WITH:</b>	Padlock
<b>FRAME</b>	NZM2
<b>SUITABLE FOR</b>	Power circuit breaker Switch disconnecter
<b>COVER/DOOR TYPE</b>	Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door interlock not defeated in the locked OFF position. Door opens only with active rotation beyond the 0 position
<b>LOCK NUMBER</b>	Single lockable
<b>LOCKING FACILITY</b>	With door interlock Lockable on the handle on the switch using up to 3 padlocks
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Accessory</li> <li>• Door coupling rotary handle</li> </ul>

## SPECIAL FEATURES

- Complete including rotary drive and coupling parts
- Cannot be combined with mechanical interlock
- For extremely narrow fittings
- With special short extension shaft
- 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

**DEGREE OF PROTECTION** IP66  
**/ NEMA ENCLOSURE TYPE** 4X, 12

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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