



## Eaton 100685

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable on the handle+switch, size 3, NA

100685

<b>PRODUCT NAME</b>	Eaton Moeller series NZM operating element NA
<b>CATALOG NUMBER</b>	100685
<b>PRODUCT LENGTH/DEPTH</b>	75 mm
<b>PRODUCT HEIGHT</b>	190 mm
<b>PRODUCT WIDTH</b>	90 mm
<b>PRODUCT WEIGHT</b>	1.47 kg
<b>COMPLIANCES</b>	UL/CSA IEC RoHS conform
<b>CERTIFICATIONS</b>	CSA (Class No. 1437-01) UL (Category Control Number DIHS) UL (File No. E140305) CSA (File No. 22086) IEC60947 CE marking UL489 UL listed CSA-C22.2 No. 5-09 CSA certified

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<b>USED WITH</b>	NZM3, N(S)3
<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.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.

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□□□□	<a href="#">IL01208007Z</a>
□□	<a href="#">eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-006.eps</a>
□□	<a href="#">eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-003.eps</a>
□□	<a href="#">eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps</a>

<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 Extension shaft
<b>FRAME</b>	NZM3
<b>SUITABLE FOR</b>	Power circuit breaker Switch disconnector
<b>COVER/DOOR TYPE</b>	Door opens only with active rotation beyond the 0 position 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.
<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>	Door coupling rotary handle
<b>SPECIAL FEATURES</b>	<ul style="list-style-type: none"> <li>• Complete including rotary drive and coupling parts</li> <li>• Extension shaft additionally required.</li> <li>• Cannot be</li> </ul>

combined with  
mechanical  
interlock

- External warning  
plate/designation  
label can be  
clipped on.
- Door coupling  
rotary handle for  
operating the  
switch through a  
closed control  
panel door

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

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