

# Specifications



Photo is representative

## Eaton 116896

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle red, size 2

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series NZM operating element
<b>CATALOG NUMBER</b>	116896
<b>MODEL CODE</b>	NZM2-XHB-DAR
<b>EAN</b>	4015081166367
<b>PRODUCT LENGTH/DEPTH</b>	100 mm
<b>PRODUCT HEIGHT</b>	432 mm
<b>PRODUCT WIDTH</b>	105 mm
<b>PRODUCT WEIGHT</b>	0.806 kg
<b>COMPLIANCES</b>	UL/CSA IEC RoHS conform
<b>CERTIFICATIONS</b>	UL (File No. E140305) CSA (File No. 22086) UL (Category Control Number DIHS) Specially designed for North America UL508A CSA (Class No. 1437-01) CE marking CSA-C22.2 No. 5-09 CSA certified IEC60947 UL489 UL listed NFPA79
<b>GLOBAL CATALOG</b>	116896

## Product specifications

<b>USED WITH</b>	NZM2(-4) PN2(-4) N(S)2(-4)
<b>FEATURES</b>	Lockable With red door coupling rotary handle for use of switch as emergency switching off device
<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</b>	Does not apply, since the

## Resources

### BROCHURES

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

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

### CATALOGS

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

### DECLARATIONS OF CONFORMITY

[DA-DC-03\\_NZM2](#)

### DRAWINGS

[eaton-circuit-breaker-switch-nzm-mccb-dimensions.eps](#)

[eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps](#)

### INSTALLATION INSTRUCTIONS

[eaton-door-coupling-handle-north-america-variant-nzm2-xhb-il01206008z.pdf](#)

### INSTALLATION VIDEOS

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

[The new digital NZM Range](#)

### MCAD MODEL

[DA-CD-nzm2\\_xhb\\_da](#)

[DA-CS-nzm2\\_xhb\\_da](#)

### TECHNICAL DATA SHEETS

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

<b>IMPACT</b>	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.
<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>	<p>Door coupling rotary handle with rotary drive</p> <p>External warning plate/marking plate in German/English</p> <p>Extension shaft</p> <p>Black and yellow lightning symbol</p> <p>Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2</p> <p>Padlock</p> <p>Extension shaft NZM...-XV6 for mounting depth 600 mm</p>
<b>FRAME</b>	NZM2
<b>SUITABLE FOR</b>	<p>Switch disconnector</p> <p>Power circuit breaker</p> <p>Emergency stop</p>

<b>COVER/DOOR TYPE</b>	Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door interlock on OFF with max. 3 padlocks After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF Door interlock not defeated in the locked OFF position.
<b>LOCKING FACILITY</b>	Lockable on the 0 position on the handle using up to 3 padlocks Lockable on the switch in the 0 position With door interlock Can also be modified in I position
<b>TYPE</b>	Accessory Main switch assembly kit
<b>SPECIAL FEATURES</b>	External warning plate/designation label can be clipped on. For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger. Kit for use as a main switch
<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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