

Specifications



Photo is representative

Eaton 125958

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle, size 1, NA type

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	125958
MODEL CODE	NZM1-XHB-DA-NA
EAN	4015081235643
PRODUCT LENGTH/DEPTH	380 mm
PRODUCT HEIGHT	100 mm
PRODUCT WIDTH	140 mm
PRODUCT WEIGHT	0.683 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL (File No. E140305) IEC60947 UL listed Specially designed for North America CSA (File No. 22086) CE marking CSA certified CSA (Class No. 1437-01) UL (Category Control Number DIHS) NFPA79 UL489 CSA-C22.2 No. 5-09 UL508A
GLOBAL CATALOG	125958
PRODUCT TYPE	Accessories



Powering Business Worldwide

Product specifications

USED WITH	PN1(-4) N(S)1(-4) NZM1(-4)
FEATURES	With black door coupling rotary handle Lockable
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.

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
DRAWINGS	eaton-circuit-breaker-nzm-mccb-dimensions-015.eps eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps
INSTALLATION INSTRUCTIONS	eaton-circuit-breakers-nzm1-xhb-da-door-coupling-il01219045z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	eaton-handle-mechanisms-mcad-drawings-nzm1-xhb-da.dwg DA-CS-nzm1_xhb_da
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
COLOR	Gray
FITTED WITH:	<p>Extension shaft</p> <p>Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2</p> <p>Door coupling rotary handle with rotary drive</p> <p>External warning plate/marketing plate in German/English</p> <p>NZM1/2-XV4 shaft extension for mounting depth of 400 mm</p> <p>Black and yellow lightning symbol</p> <p>Padlock</p>
FRAME	NZM1
SUITABLE FOR	Power circuit breaker Switch disconnecter
COVER/DOOR TYPE	<p>Door interlock not defeated in the locked OFF position.</p> <p>With activated door interlock. Cannot be opened in ON, OFF, or TRIP. Can only be opened in RESET.</p> <p>Door interlock on OFF with</p>

max. 3 padlocks
Door interlock can be modified such that it can be defeated from the outside using a screwdriver

LOCKING FACILITY

With door interlock
Lockable on the switch in the 0 position
Can also be modified in I position
Lockable on the 0 position on the handle using up to 3 padlocks

TYPE

Main switch assembly kit

SPECIAL FEATURES

- 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

DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE

IP66
4X. 12

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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