

Specifications



Photo is representative

Eaton 119004

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle, size 4, NA type

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	119004
MODEL CODE	NZM4-XHB-DA-NA
EAN	4015081171415
PRODUCT LENGTH/DEPTH	440 mm
PRODUCT HEIGHT	230 mm
PRODUCT WIDTH	250 mm
PRODUCT WEIGHT	3.1 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	IEC60947 CSA-C22.2 No. 5-09 UL508A CSA (Class No. 1437-01) UL489 UL listed CSA certified UL (File No. E140305) CSA (File No. 22086) UL (Category Control Number DIHS) Specially designed for North America CE marking NFPA79

Product specifications

USED WITH	NZM4(-4) N(S)4(-4) PN4(-4)
FEATURES	Lockable With black door coupling rotary handle
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.

Resources

BROCHURES	eaton-digital-nzm-brochure-br013003en-en-us.pdf eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf
CATALOGUES	eaton-digital-nzm-catalog-ca013003en-en-us.pdf
DRAWINGS	eaton-circuit-breaker-switch-nzm-mccb-dimensions-003.eps eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps
INSTALLATION INSTRUCTIONS	IL01219016Z
INSTALLATION VIDEOS	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	DA-CD-nzm4_xhb_da_r_na DA-CS-nzm4_xhb_da_r_na
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
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	Black
FITTED WITH:	Extension shaft NZM...-XV6 for mounting depth 600 mm Black and yellow lightning symbol Door coupling rotary handle with rotary drive Extension shaft Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2 External warning plate/markings plate in German/English Padlock
FRAME	NZM4
SUITABLE FOR	Power circuit breaker Switch disconnector
COVER/DOOR TYPE	With activated door interlock. Cannot be opened in ON, OFF, or TRIP. Can only be opened

	in RESET. Door interlock not defeated in the locked OFF position. 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
LOCKING FACILITY	Can also be modified in I position Lockable on the switch in the 0 position Lockable on the 0 position on the handle using up to 3 padlocks With door interlock
TYPE	Accessory 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: