

Specifications



Eaton 119003

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	119003
MODEL CODE	NZM4-XHB-DAR
EAN	4015081171408
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	UL508A UL listed UL (File No. E140305) IEC60947 CSA-C22.2 No. 5-09 CSA (Class No. 1437-01) Specially designed for North America UL (Category Control Number DIHS) CE marking CSA certified NFPA79 CSA (File No. 22086) UL489

Product specifications

USED WITH	N(S)4(-4) PN4(-4) NZM4(-4)
FEATURES	With red door coupling rotary handle for use of switch as emergency switching off device 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	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
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-CS-nzm4_xhb_da_r_na DA-CD-nzm4_xhb_da_r_na
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

IMPACT	entire switchgear needs to be evaluated.
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 Extension shaft NZM...-XV6 for mounting depth 600 mm External warning plate/markings plate in German/English Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2 Black and yellow lightning symbol Door coupling rotary handle with rotary drive Padlock
FRAME	NZM4
SUITABLE FOR	Power circuit breaker Switch disconnectors Emergency stop

COVER/DOOR TYPE	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 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
LOCKING FACILITY	Lockable on the 0 position on the handle using up to 3 padlocks Lockable on the switch in the 0 position Can also be modified in I position 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: