

Specifications



Photo is representative

Eaton 119005

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	119005
MODEL CODE	NZM4-XHB-DAR-NA
EAN	4015081171422
PRODUCT LENGTH/DEPTH	440 mm
PRODUCT HEIGHT	230 mm
PRODUCT WIDTH	250 mm
PRODUCT WEIGHT	3.1 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	NFPA79 CSA (Class No. 1437-01) IEC60947 UL508A UL (Category Control Number DIHS) UL listed UL489 UL (File No. E140305) CSA (File No. 22086) Specially designed for North America CE marking CSA-C22.2 No. 5-09 CSA certified



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Product specifications

USED WITH	PN4(-4) NZM4(-4) N(S)4(-4)
FEATURES	Lockable With red door coupling rotary handle for use of switch as emergency switching off device
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-feerum-the-whole-grain-solution-success-story-en-us.pdf eaton-digital-nzm-brochure-br013003en-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	Red
FITTED WITH:	<p>Extension shaft NZM...-XV6 for mounting depth 600 mm</p> <p>Black and yellow lightning symbol</p> <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>Padlock</p>
FRAME	NZM4
SUITABLE FOR	<p>Switch disconnecter</p> <p>Power circuit breaker</p> <p>Emergency stop</p>

COVER/DOOR TYPE	<p>Door interlock not defeated in the locked OFF position.</p> <p>Door interlock on OFF with max. 3 padlocks</p> <p>With activated door interlock. Cannot be opened in ON, OFF, or TRIP. Can only be opened in RESET.</p> <p>Door interlock can be modified such that it can be defeated from the outside using a screwdriver</p>
LOCKING FACILITY	<p>Can also be modified in I position</p> <p>Lockable on the switch in the 0 position</p> <p>Lockable on the 0 position on the handle using up to 3 padlocks</p> <p>With door interlock</p>
TYPE	Accessory Main switch assembly kit
SPECIAL FEATURES	<p>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</p>
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	<p>IP66</p> <p>4X. 12</p>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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