

Specifications



Eaton 118989

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle red, size 3

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	118989
MODEL CODE	NZM3-XHB-DAR
EAN	4015081171262
PRODUCT LENGTH/DEPTH	440 mm
PRODUCT HEIGHT	230 mm
PRODUCT WIDTH	250 mm
PRODUCT WEIGHT	2.7 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	CE marking NFPA79 CSA (Class No. 1437-01) UL489 UL listed UL (File No. E140305) UL (Category Control Number DIHS) Specially designed for North America IEC60947 UL508A CSA (File No. 22086) CSA-C22.2 No. 5-09 CSA certified
GLOBAL CATALOG	118989

Product specifications

USED WITH	PN3(-4) NZM3(-4) N(S)3(-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-feerum-the-whole-grain-solution-success-story-en-us.pdf eaton-digital-nzm-brochure-br013003en-en-us.pdf
CATALOGS	eaton-digital-nzm-catalog-ca013003en-en-us.pdf
DRAWINGS	eaton-circuit-breaker-switch-nzm-mccb-dimensions-002.eps eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps
INSTALLATION INSTRUCTIONS	eaton-circuit-breakers-door-coupling-rotary-handle-nzm3-xhb-da-instruction-leaflet-il01219015z.pdf
INSTALLATION VIDEOS	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	DA-CD-nzm3_xhb DA-CS-nzm3_xhb
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:	Black and yellow lightning symbol Door coupling rotary handle with rotary drive Extension shaft NZM...-XV6 for mounting depth 600 mm Extension shaft 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 Padlock
FRAME	NZM3
SUITABLE FOR	Emergency stop Power circuit breaker Switch disconnectors

COVER/DOOR TYPE	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.
NUMBER OF POLES	Single-pole
LOCKING FACILITY	With door interlock Lockable on the 0 position on the handle using up to 3 padlocks Can also be modified in I position Lockable on the switch in the 0 position
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:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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