

Specifications



Photo is representative

Eaton 266634

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	266634
MODEL CODE	NZM3-XHBR
EAN	4015082666347
PRODUCT LENGTH/DEPTH	230 mm
PRODUCT HEIGHT	110 mm
PRODUCT WIDTH	140 mm
PRODUCT WEIGHT	1.658 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL listed CSA (Class No. 1437-01) CSA-C22.2 No. 5-09 UL (File No. E140305) CE marking IEC60947 CSA certified CSA (File No. 22086) UL489 UL (Category Control Number DIHS)

Delivery programme

FEATURES	Lockable With red door coupling rotary handle for use of switch as emergency switching off device to IEC/EN 60204-1, VDE 0113 part 1
FITTED WITH:	Black and yellow lightning symbol External warning plate/markings plate in German/English Extension shaft NZM...-XV4 extension shaft Door coupling rotary handle with rotary drive Padlock
FRAME	NZM3
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
SUITABLE FOR	Emergency stop Power circuit breaker Switch disconnecter
TYPE	• Accessory • Main switch assembly kit
USED WITH	NZM3(-4) N(S)3(-4) PN3(-4)

Design verification to IEC/EN 61439

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.
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	Does not apply, since the

AGAINST ELECTRIC SHOCK	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.

Technical data - mechanical

COLOR	Red
COVER/DOOR TYPE	Door interlock not defeated in the locked OFF position. Door interlock can only be switched ON when the door is closed 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 can be modified such that it can be defeated from the outside using a screwdriver
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP66 4X. 12
LOCKING FACILITY	Lockable on the 0 position on the handle using up to 3 padlocks With door interlock Lockable on the switch in the 0 position
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

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-door-nzm-rotary-handle-dimensions-006.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-004.eps eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps
INSTALLATION INSTRUCTIONS	eaton-door-coupling-rotary-handle-nzm1-2-xt-il01203005z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	eaton-handle-mechanisms-mcad-drawings-nzm3-xhb.dwg eaton-handle-mechanisms-mcad-3d-models-nzm3-xhb.stp
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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