

Specifications



Eaton 266628

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	266628
MODEL CODE	NZM3-XHB
EAN	4015082666286
PRODUCT LENGTH/DEPTH	230 mm
PRODUCT HEIGHT	110 mm
PRODUCT WIDTH	140 mm
PRODUCT WEIGHT	1.574 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	CSA (File No. 22086) UL (Category Control Number DIHS) IEC60947 UL (File No. E140305) UL listed UL489 CSA (Class No. 1437-01) CE marking CSA-C22.2 No. 5-09 CSA certified



Powering Business Worldwide

Delivery programme

FEATURES	Lockable With black door coupling rotary handle
FITTED WITH:	NZM...-XV4 extension shaft Door coupling rotary handle with rotary drive External warning plate/marketing plate in German/English Black and yellow lightning symbol 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	Power circuit breaker Switch disconnector
TYPE	Main switch assembly kit
USED WITH	N(S)3(-4) PN3(-4) NZM3(-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	Black
COVER/DOOR TYPE	Door interlock can also be modified in I position After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF Door interlock can only be switched ON when the door is closed 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 Door interlock not defeated in the locked OFF position.
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP66 4X. 12
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
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-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-door-nzm-rotary-handle-dimensions-004.eps eaton-circuit-breaker-switch-nzm-mccb-dimensions-002.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-006.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	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	eaton-handle-mechanisms-mcad-3d-models-nzm3-xhb.stp eaton-handle-mechanisms-mcad-drawings-nzm3-xhb.dwg
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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