

Specifications



Photo is representative

Eaton 271842

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	271842
MODEL CODE	NZM4-XHBR
EAN	4015082718428
PRODUCT LENGTH/DEPTH	250 mm
PRODUCT HEIGHT	165 mm
PRODUCT WIDTH	165 mm
PRODUCT WEIGHT	1.941 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	CE marking CSA (Class No. 1437-01) CSA (File No. 22086) UL listed UL489 UL (Category Control Number DIHS) IEC60947 UL (File No. E140305) CSA-C22.2 No. 5-09 CSA certified

Product specifications

USED WITH	NZM4(-4) N(S)4(-4)
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
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.

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-door-nzm-rotary-handle-dimensions-011.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	nzm4_xhb_r.stp nzm4_xhb_r
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

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 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 Door coupling rotary handle with rotary drive NZM...-XV4 extension shaft Black and yellow lightning symbol External warning plate/markings plate in German/English Padlock
FRAME	NZM4
SUITABLE FOR	Switch disconnectors Power circuit breaker Emergency stop
COVER/DOOR TYPE	Door interlock not defeated in the locked OFF position. Door interlock on OFF with max. 3 padlocks

	<p>After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF</p> <p>Door interlock can be modified such that it can be defeated from the outside using a screwdriver</p> <p>Door interlock can only be switched ON when the door is closed</p>
LOCKING FACILITY	<p>Lockable on the switch in the 0 position</p> <p>With door interlock</p> <p>Lockable on the 0 position on the handle using up to 3 padlocks</p>
TYPE	<ul style="list-style-type: none"> • Accessory • Main switch assembly kit
SPECIAL FEATURES	<ul style="list-style-type: none"> • 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	<p>IP66</p> <p>4X. 12</p>

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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