

Specifications



Photo is representative

Eaton 271779

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	271779
MODEL CODE	NZM4-XHB
EAN	4015082717797
PRODUCT LENGTH/DEPTH	250 mm
PRODUCT HEIGHT	165 mm
PRODUCT WIDTH	165 mm
PRODUCT WEIGHT	2.007 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	UL489 UL (File No. E140305) CSA (File No. 22086) UL (Category Control Number DIHS) UL listed CSA-C22.2 No. 5-09 IEC60947 CSA certified CSA (Class No. 1437-01) CE marking

Product specifications

USED WITH	N(S)4(-4) NZM4(-4)
FEATURES	With black door coupling rotary handle 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 IMPACT	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	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	nzm4_xhb_r nzm4_xhb_r.stp
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

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:	Door coupling rotary handle with rotary drive Black and yellow lightning symbol External warning plate/markings plate in German/English Extension shaft NZM...-XV4 extension shaft Padlock
FRAME	NZM4
SUITABLE FOR	Switch disconnectors Power circuit breaker
COVER/DOOR TYPE	Door interlock can only be switched ON when the door is closed Door interlock on OFF with max. 3 padlocks Door interlock not defeated in the locked OFF position. 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 be modified such that it can be defeated from the outside using a screwdriver
LOCKING FACILITY	Lockable on the 0 position on the handle using up to 3 padlocks With door interlock Can also be modified in I 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:



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