

Specifications



Photo is representative

Eaton 271453

Eaton Moeller series NZM - Molded Case Circuit Breaker. Rotary handle, black, lockable on the handle, for NZM1, NA type

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	271453
MODEL CODE	NZM1-XDTV-NA
EAN	4015082714536
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	54 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.16 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	CSA (Class No. 1437-01) CSA (File No. 22086) UL489 IEC60947 CSA-C22.2 No. 5-09 CSA certified UL (File No. E140305) CE marking UL listed UL (Category Control Number DIHS)
GLOBAL CATALOG	271453

Product specifications

USED WITH	NZM1, N(S)1
FEATURES	Lockable Standard: black / gray
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.

Resources

BROCHURES

[eaton-digital-nzm-brochure-br013003en-en-us.pdf](#)

[eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf](#)

CATALOGS

[eaton-digital-nzm-catalog-ca013003en-en-us.pdf](#)

[eaton-circuit-breaker-rotary-handle-nzm-rotary-handle-dimensions.eps](#)

[eaton-circuit-breaker-nzm-rotary-handle-dimensions-005.eps](#)

DRAWINGS

[eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing.eps](#)

INSTALLATION INSTRUCTIONS

[eaton-door-coupling-rotary-handle-nzm1-2-xt-il01203005z.pdf](#)

[The new digital NZM Range](#)

INSTALLATION VIDEOS

[Introduction of the new digital circuit breaker NZM](#)

MCAD MODEL

[DA-CS-nzm1_xd](#)

[DA-CD-nzm1_xd](#)

TECHNICAL DATA SHEETS

[eaton-nzm-technical-information-sheet](#)

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:	Padlock
FRAME	NZM1
SUITABLE FOR	Power circuit breaker Switch disconnecter
COVER/DOOR TYPE	Door interlock can only be switched ON when the door is closed Door interlock cannot be combined with mechanical locking Door interlock in ON position Door interlock not defeated in the locked OFF and ON positions Door interlock can be defeated from the outside using a 1 mm pin Door opens only with active rotation beyond the 0 position
LOCKING FACILITY	Also available with door interlock e.g. for MCC service distribution Can also be modified in I position

	Lockable on the 0 position on the handle using up to 3 padlocks
TYPE	Accessory Rotary handle on switch with door interlock
SPECIAL FEATURES	Complete with rotary drive and insulating surround Cannot be combined with mechanical interlock Makes it possible to operate the switch with a rotational movement and provides locking facilities
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP40 4X. 12

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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