

Specifications



Photo is representative

Eaton 271508

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable on the handle+switch, size 1

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	271508
MODEL CODE	NZM1-XTVDV-60
EAN	4015082715083
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.51 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	CSA (Class No. 1437-01) CSA-C22.2 No. 5-09 UL489 IEC60947 CE marking UL (Category Control Number DIHS) CSA certified UL (File No. E140305) UL listed CSA (File No. 22086)



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Product specifications

USED WITH	NZM1(-4), PN1(-4), N(S)1(-4)
FEATURES	Standard: black / gray 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.
10.2.7 INSCRIPTIONS	Meets the product

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](#)

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

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

DRAWINGS

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps](#)

[eaton-circuit-breaker-interlock-nzm-rotary-handle-dimensions-007.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.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

[DA-CS-nzm1_xtvd_60](#)

[DA-CD-nzm1_xtvd_60](#)

TECHNICAL DATA SHEETS

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

	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:	Padlock
FRAME	NZM1
SUITABLE FOR	Power circuit breaker Switch disconnecter
COVER/DOOR TYPE	Door interlock not defeated in the locked OFF and ON positions Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door can be opened in OFF Door interlock can be modified in the unlocked ON position
LOCK NUMBER	Double lockable
LOCKING FACILITY	Lockable on the handle on the switch using up to 3 padlocks With door interlock Modifiable on handle in I position as well

TYPE	Accessory Door coupling rotary handle
SPECIAL FEATURES	Complete including rotary drive and coupling parts Extension shaft additionally required. For maximum shaft length 60 mm Without shaft support Cannot be combined with NZM...-XDZ additional handle External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP66 4X. 12

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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