

Specifications



Eaton 100677

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable, size 3

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	100677
MODEL CODE	NZM3-XTVDV-0-NA
EAN	4015081005772
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	1.47 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL (File No. E140305) CE marking CSA (File No. 22086) IEC60947 CSA certified UL489 UL (Category Control Number DIHS) UL listed CSA-C22.2 No. 5-09 CSA (Class No. 1437-01)
GLOBAL CATALOG	100677

Product specifications

USED WITH	NZM3, N(S)3
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 standard's requirements.

Resources

BROCHURES	eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf eaton-digital-nzm-brochure-br013003en-en-us.pdf
CATALOGS	eaton-digital-nzm-catalog-ca013003en-en-us.pdf eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-003.eps eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-006.eps eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps
DRAWINGS	
INSTALLATION INSTRUCTIONS	eaton-nzm3-xt-vd-hs-door-coupling-rotary-handle-il01222001z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	DA-CS-nzm3_xtvd_0 DA-CD-nzm3_xtvd_0
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 Extension shaft
FRAME	NZM3
SUITABLE FOR	Switch disconnecter Power circuit breaker
COVER/DOOR TYPE	Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door interlock not defeated in the locked OFF position. Door opens only with active rotation beyond the 0 position
LOCK NUMBER	Single lockable
LOCKING FACILITY	With door interlock Lockable on the handle on the switch using up to 3 padlocks
TYPE	Accessory Door coupling rotary handle
SPECIAL FEATURES	Complete including rotary drive and coupling parts

Cannot be combined with mechanical interlock For extremely narrow fittings With special short extension shaft 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	IP66
/ NEMA ENCLOSURE TYPE	4X. 12

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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