

Specifications

Eaton 100676

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, black, lockable, size 2

General specifications

PRODUCT NAME	Eaton Moeller series NZM - Molded case circuit breaker
CATALOG NUMBER	100676
MODEL CODE	NZM2-XTVDV-0-NA
EAN	4015081005765
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.71 kg
WARRANTY	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL (Category Control Number DIHS) IEC60947 UL listed UL489 CE marking CSA certified UL (File No. E140305) CSA (File No. 22086) CSA (Class No. 1437-01) CSA-C22.2 No. 5-09
GLOBAL CATALOG	100676
PRODUCT TYPE	Molded case circuit breaker



Powering Business Worldwide

Product specifications

USED WITH	NZM2, N(S)2
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.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	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
CATALOGS	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-008.eps eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps
INSTALLATION INSTRUCTIONS	eaton-circuit-breaker-rotary-handle-nzm1-2-il01219004z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	eaton-handle-mechanisms-mcad-drawings-nzm2-xtvd-0.dwg DA-CS-nzm2_xtvd_0
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 100676
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

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	NZM2
SUITABLE FOR	Power circuit breaker Switch disconnecter
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	<ul style="list-style-type: none"> • Accessory • Door coupling rotary handle
SPECIAL FEATURES	<ul style="list-style-type: none"> • 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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