

Specifications



Photo is representative

Eaton 100680

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	100680
MODEL CODE	NZM2-XTVDVR-0-NA
EAN	4015081005802
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	110 mm
PRODUCT WEIGHT	0.72 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	CE marking CSA (Class No. 1437-01) UL (File No. E140305) UL489 CSA (File No. 22086) UL (Category Control Number DIHS) IEC60947 CSA certified UL listed CSA-C22.2 No. 5-09
GLOBAL CATALOG	100680

Product specifications

USED WITH	NZM2, N(S)2
FEATURES	Red-yellow for emergency switching off 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
CATALOGS	eaton-digital-nzm-catalog-ca013003en-en-us.pdf eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-005.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-008.eps eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps
DRAWINGS	eaton-circuit-breaker-rotary-handle-nzm1-2-il01219004z.pdf
INSTALLATION INSTRUCTIONS	eaton-circuit-breaker-rotary-handle-nzm1-2-il01219004z.pdf
INSTALLATION VIDEOS	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	DA-CS-nzm2_xtvd_0 DA-CD-nzm2_xtvd_0
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	NZM2
SUITABLE FOR	Emergency stop Switch disconnecter Power circuit breaker
COVER/DOOR TYPE	Door opens only with active rotation beyond the 0 position Door interlock not defeated in the locked OFF 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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