

Specifications



Photo is representative

Eaton 271455

Eaton Moeller series NZM - Molded Case Circuit Breaker. Rotary handle, red, lockable on the handle, NA type, 1

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	271455
MODEL CODE	NZM1-XDTVR-NA
EAN	4015082714550
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	54 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.148 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	CSA (File No. 22086) UL489 CSA certified CSA-C22.2 No. 5-09 UL listed UL (File No. E140305) CSA (Class No. 1437-01) UL (Category Control Number DIHS) CE marking IEC60947
GLOBAL CATALOG	271455

Product specifications

USED WITH	NZM1, N(S)1
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-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
INSTALLATION VIDEOS	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	DA-CD-nzm1_xd DA-CS-nzm1_xd
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	Red
FITTED WITH:	Padlock Extension shaft
FRAME	NZM1
SUITABLE FOR	Switch disconnecter Power circuit breaker Emergency stop
COVER/DOOR TYPE	Door opens only with active rotation beyond the 0 position Door interlock not defeated in the locked OFF and ON positions Door interlock cannot be combined with mechanical locking Door interlock in ON position Door interlock can be defeated from the outside using a 1 mm pin Door interlock can only be switched ON when the door is closed
LOCKING FACILITY	Lockable on the 0 position

	on the handle using up to 3 padlocks Also available with door interlock e.g. for MCC service distribution
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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