

Specifications



Photo is representative

Eaton 271450

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	271450
MODEL CODE	NZM2-XTVDVR-NA
EAN	4015082714505
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	110 mm
PRODUCT WEIGHT	0.785 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	CE marking UL489 CSA (Class No. 1437-01) CSA certified UL (File No. E140305) IEC60947 UL listed CSA (File No. 22086) UL (Category Control Number DIHS) CSA-C22.2 No. 5-09



Powering Business Worldwide

Delivery programme

FEATURES	Lockable Red-yellow for emergency switching off
FITTED WITH:	Padlock
FRAME	NZM2
SPECIAL FEATURES	• Complete including rotary drive and coupling parts • Extension shaft additionally required. • Cannot be combined with mechanical interlock • External warning plate/designation label can be clipped on. • Door coupling rotary handle for operating the switch through a closed control panel door
SUITABLE FOR	Power circuit breaker Switch disconnecter Emergency stop
TYPE	• Accessory • Door coupling rotary handle
USED WITH	NZM2, N(S)2

Design verification to IEC/EN 61439

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.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION	Does not apply, since the

AGAINST ELECTRIC SHOCK	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.

Technical data - mechanical

COLOR	Red
COVER/DOOR TYPE	Door interlock not defeated in the locked OFF position. Door opens only with active rotation beyond the 0 position
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP66 4X. 12
LOCK NUMBER	Double lockable
LOCKING FACILITY	With door interlock Lockable on the handle on the switch using up to 3 padlocks
SPECIAL FEATURES	• Complete including rotary drive and coupling parts • Extension shaft additionally required. • Cannot be combined with mechanical interlock • External warning plate/designation label can be clipped on. • Door coupling rotary handle for operating the switch through a closed control panel door

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:

Resources

BROCHURES	eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf eaton-digital-nzm-brochure-br013003en-en-us.pdf
CATALOGUES	eaton-digital-nzm-catalog-ca013003en-en-us.pdf eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-008.eps
DRAWINGS	eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-005.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	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	DA-CS-nzm2_xtvd eaton-handle-mechanisms-mcad-drawings-nzm2-xtvd.dwg
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet