

Specifications



Eaton 260131

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	260131
MODEL CODE	NZM1-XDTV
EAN	4015082601317
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	54 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.288 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL (File No. E140305) CE marking CSA-C22.2 No. 5-09 UL listed CSA certified CSA (Class No. 1437-01) UL489 CSA (File No. 22086) UL (Category Control Number DIHS) IEC60947

Delivery programme

FEATURES	Standard: black / gray Lockable
FITTED WITH:	Padlock
FRAME	NZM1
SPECIAL FEATURES	• Complete with rotary drive and insulating surround • Makes it possible to operate the switch with a rotational movement and provides locking facilities
SUITABLE FOR	Power circuit breaker Switch disconnector
TYPE	Rotary handle on switch with door interlock
USED WITH	NZM1(-4), PN1(-4), N(S)1(-4)

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

ACTIVATION TYPE	Rotary handle
COLOR	Black
COVER/DOOR TYPE	Door interlock can be defeated from the outside using a 1 mm pin Door interlock in ON position Door interlock can only be switched ON when the door is closed Door interlock not defeated in the locked OFF and ON positions Door can be opened in OFF
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP40 4X. 12
LOCKING FACILITY	Also available with door interlock e.g. for MCC service distribution Can also be modified in I position Lockable on the 0 position on the handle using up to 3 padlocks
SPECIAL FEATURES	• Complete with rotary drive and insulating surround • Makes it possible to operate the switch with a rotational movement and provides locking facilities

Resources

BROCHURES	eaton-digital-nzm-brochure-br013003en-en-us.pdf eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf
CATALOGUES	eaton-digital-nzm-catalog-ca013003en-en-us.pdf eaton-circuit-breaker-nzm-rotary-handle-dimensions-005.eps eaton-circuit-breaker-rotary-handle-nzm-rotary-handle-dimensions.eps eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing.eps
DRAWINGS	
INSTALLATION INSTRUCTIONS	eaton-nzm1-xdtv-r-nzm2-xdtv-r-il01206003z.pdf
INSTALLATION VIDEOS	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	eaton-handle-mechanisms-mcad-3d-models-nzm1-xdtv.stp eaton-handle-mechanisms-mcad-drawings-nzm1-xdtv.dwg
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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