Specifications



Photo is representative

Eaton 260166

Eaton Moeller series NZM - Molded Case Circuit Breaker. Door coupling rotary handle, lockable, size 1

General specifications	
PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	260166
MODEL CODE	NZM1-XTVD
EAN	4015082601669
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.595 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	UL489 CE marking UL (Category Control Number DIHS) IEC60947 CSA certified CSA (File No. 22086) CSA-C22.2 No. 5-09 UL (File No. E140305) CSA (Class No. 1437-01) UL listed

Delivery program

FEATURES	Standard: black / gray Lockable
FITTED WITH:	Padlock
FRAME	NZM1
SPECIAL FEATURES	• Door coupling rotary handle for operating the switch through a closed control panel door • External warning plate/designation label can be clipped on. • Complete including rotary drive and coupling parts • Extension shaft additionally required.
SUITABLE FOR	Switch disconnector Power circuit breaker
TYPE	• Accessory • Door coupling rotary handle
USED WITH	NZM1(-4), PN1(-4), N(S)1(-4)

Design verification as per 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 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.

Technical data - mechanical

COLOR	Black
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 and ON positions Door can be opened in OFF Door interlock can be modified in the unlocked ON position
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP66 4X. 12
LOCK NUMBER	Single lockable
LOCKING FACILITY	Lockable on the 0 position on the handle using up to 3 padlocks With door interlock
SPECIAL FEATURES	• Door coupling rotary handle for operating the switch through a closed control panel door • External warning plate/designation label can be clipped on. • Complete including rotary drive and coupling parts • Extension shaft additionally required.

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
DRAWINGS	eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-009.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps 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	eaton-handle-mechanisms-mcad-3d-models-nzm1-xtvd.stp eaton-handle-mechanisms-mcad-drawings-nzm1-xtvd.dwg
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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