

Specifications



Photo is representative

Eaton 279396

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

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	279396
MODEL CODE	NZM1-XTVDV-0
EAN	4015082793968
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.55 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL (File No. E140305) IEC60947 CSA (File No. 22086) UL listed CSA (Class No. 1437-01) CSA-C22.2 No. 5-09 CSA certified UL (Category Control Number DIHS) UL489 CE marking

Delivery programme

FEATURES	Lockable Standard: black / gray
FITTED WITH:	Padlock
FRAME	NZM1
SPECIAL FEATURES	• Complete including rotary drive and coupling parts • 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
SUITABLE FOR	Switch disconnecter Power circuit breaker
TYPE	Door coupling rotary handle
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

COLOR	Black
COVER/DOOR TYPE	Door interlock not defeated in the locked OFF and ON positions Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door interlock can be modified in the unlocked ON position Door can be opened in OFF
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP66 4X, 12
LOCK NUMBER	Double lockable
LOCKING FACILITY	Modifiable on handle in I position as well With door interlock Lockable on the handle on the switch using up to 3 padlocks
SPECIAL FEATURES	• Complete including rotary drive and coupling parts • 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

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-interlock-nzm-rotary-handle-dimensions-007.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-005.eps eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps eaton-circuit-breaker-interlock-nzm-rotary-handle-dimensions-008.eps eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.eps eaton-circuit-breaker-door-nzm-rotary-handle-3d-drawing-004.eps
DRAWINGS	
INSTALLATION INSTRUCTIONS	eaton-circuit-breaker-rotary-handle-nzm1-2-il01219004z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	eaton-handle-mechanisms-mcad-3d-models-nzm1-xtvd-0.stp eaton-handle-mechanisms-mcad-drawings-nzm1-xtvd-0.dwg
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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