

Specifications



Eaton 165716

Eaton Moeller series NZM - Molded Case Circuit Breaker. Rotary handle, black, lockable on the handle, size 3, IEC

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	165716
MODEL CODE	NZM3-XDVG
EAN	4015081622344
PRODUCT LENGTH/DEPTH	108 mm
PRODUCT HEIGHT	124 mm
PRODUCT WIDTH	140 mm
PRODUCT WEIGHT	0.789 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	CSA (Class No. 1437-01) UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 UL listed UL489 IEC60947 CSA certified UL (File No. E140305) CE marking CSA (File No. 22086)



Powering Business Worldwide

Delivery programme

FEATURES	Standard: black / gray Lockable
FITTED WITH:	Padlock
FRAME	NZM3
SPECIAL FEATURES	• Complete with rotary drive • Can be combined with 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 circuit-breaker
USED WITH	NZM3(-4), PN3(-4), N(S)3(-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
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	IP20 4X, 12
LOCKING FACILITY	Lockable on the 0 position on the handle using up to 3 padlocks
SPECIAL FEATURES	• Complete with rotary drive • Can be combined with insulating surround • Makes it possible to operate the switch with a rotational movement and provides locking facilities

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
DRAWINGS	eaton-circuit-breaker-rotary-handle-nzm-rotary-handle-dimensions-003.eps
INSTALLATION INSTRUCTIONS	eaton-nzm3-xd-v-kl-rotary-drive-il01219014z.pdf
INSTALLATION VIDEOS	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	eaton-handle-mechanisms-mcad-3d-models-nzm3-xdvg.stp eaton-handle-mechanisms-mcad-drawings-nzm3-xdvg.dwg
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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