

Specifications

Eaton 100675

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



General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element NA
CATALOG NUMBER	100675
MODEL CODE	NZM1-XTVDV-0-NA
EAN	4015081005758
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	0.51 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	IEC60947 UL listed CSA certified CSA (Class No. 1437-01) UL489 UL (Category Control Number DIHS) CE marking CSA (File No. 22086) UL (File No. E140305) CSA-C22.2 No. 5-09

Product specifications

USED WITH	NZM1, N(S)1
FEATURES	Lockable Standard: black / gray
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.

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-door-nzm-rotary-handle-dimensions-010.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-3d-drawing-004.eps](#)

DRAWINGS

INSTALLATION INSTRUCTIONS

[eaton-circuit-breaker-rotary-handle-nzm1-2-il01219004z.pdf](#)

INSTALLATION VIDEOS

[The new digital NZM Range](#)

[Introduction of the new digital circuit breaker NZM](#)

MCAD MODEL

[DA-CD-nzm1_xtvd_0](#)

[DA-CS-nzm1_xtvd_0](#)

TECHNICAL DATA SHEETS

[eaton-nzm-technical-information-sheet](#)

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.
COLOR	Black
FITTED WITH:	Padlock
FRAME	NZM1
SUITABLE FOR	Power circuit breaker Switch disconnecter
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 position. Door opens only with active rotation beyond the 0 position
LOCK NUMBER	Single lockable
LOCKING FACILITY	With door interlock Lockable on the handle on the switch using up to 3 padlocks
TYPE	• Accessory • Door coupling rotary handle

SPECIAL FEATURES

- Complete including rotary drive and coupling parts
- Cannot be combined with mechanical interlock
- 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

DEGREE OF PROTECTION IP66
/ NEMA ENCLOSURE TYPE 4X, 12

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc

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

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

