

Specifications



Photo is representative

Eaton 100679

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

General Specifications

PRODUCT NAME	Eaton Moeller series NZM - Molded case circuit breaker
CATALOG NUMBER	100679
EAN	4015081005796
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	CSA (File No. 22086) UL (File No. E140305) CSA-C22.2 No. 5-09 CE marking CSA certified UL489 UL listed CSA (Class No. 1437-01) UL (Category Control Number DIHS) IEC60947
MODEL CODE	NZM1-XTVDVR-0-NA

Product specifications

USED WITH	NZM1, N(S)1
FEATURES	Lockable Red-yellow for emergency switching off
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

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-005.eps](#)

[eaton-circuit-breaker-door-nzm-rotary-handle-dimensions-010.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

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

[The new digital NZM Range](#)

MCAD MODEL

[DA-CD-nzm1_xtvd_0](#)

[DA-CS-nzm1_xtvd_0](#)

TECHNICAL DATA SHEETS

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

	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.
COLOR	Red
FITTED WITH:	Padlock Extension shaft
FRAME	NZM1
SUITABLE FOR	Emergency stop Power circuit breaker Switch disconnecter
COVER/DOOR TYPE	Door opens only with active rotation beyond the 0 position Door interlock not defeated in the locked OFF position.
LOCK NUMBER	Single lockable
LOCKING FACILITY	Lockable on the handle on the switch using up to 3 padlocks With door interlock
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:



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