

Specifications



Photo is representative

Eaton 116896

Eaton Moeller series NZM - Molded Case Circuit Breaker. Main switch assembly kit, +additional handle red, size 2

General specifications

PRODUCT NAME	Eaton Moeller series NZM operating element
CATALOG NUMBER	116896
MODEL CODE	NZM2-XHB-DAR
EAN	4015081166367
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	432 mm
PRODUCT WIDTH	105 mm
PRODUCT WEIGHT	0.806 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL (File No. E140305) CSA (File No. 22086) UL (Category Control Number DIHS) Specially designed for North America UL508A CSA (Class No. 1437-01) CE marking CSA-C22.2 No. 5-09 CSA certified IEC60947 UL489 UL listed NFPA79
GLOBAL CATALOG	116896

Product specifications

USED WITH	NZM2(-4) PN2(-4) N(S)2(-4)
FEATURES	Lockable With red door coupling rotary handle for use of switch as emergency switching off device
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	Does not apply, since the

Resources

BROCHURES	eaton-digital-nzm-brochure-br013003en-en-us.pdf eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf
CATALOGS	eaton-digital-nzm-catalog-ca013003en-en-us.pdf
DECLARATIONS OF CONFORMITY	DA-DC-03 NZM2
DRAWINGS	eaton-circuit-breaker-switch-nzm-mccb-dimensions.eps eaton-circuit-breaker-switch-nzm-mccb-3d-drawing-005.eps
INSTALLATION INSTRUCTIONS	eaton-door-coupling-handle-north-america-variant-nzm2-xhb-il01206008z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	DA-CD-nzm2_xhb_da DA-CS-nzm2_xhb_da
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

IMPACT	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.
COLOR	Red
FITTED WITH:	<p>Door coupling rotary handle with rotary drive</p> <p>External warning plate/marketing plate in German/English</p> <p>Extension shaft</p> <p>Black and yellow lightning symbol</p> <p>Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2</p> <p>Padlock</p> <p>Extension shaft NZM...-XV6 for mounting depth 600 mm</p>
FRAME	NZM2
SUITABLE FOR	<p>Switch disconnecter</p> <p>Power circuit breaker</p> <p>Emergency stop</p>

COVER/DOOR TYPE	<p>Door interlock can be modified such that it can be defeated from the outside using a screwdriver</p> <p>Door interlock on OFF with max. 3 padlocks</p> <p>After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF</p> <p>Door interlock not defeated in the locked OFF position.</p>
LOCKING FACILITY	<p>Lockable on the 0 position on the handle using up to 3 padlocks</p> <p>Lockable on the switch in the 0 position</p> <p>With door interlock</p> <p>Can also be modified in I position</p>
TYPE	Accessory Main switch assembly kit
SPECIAL FEATURES	<p>External warning plate/designation label can be clipped on. For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger. Kit for use as a main switch</p>
DEGREE OF PROTECTION / NEMA ENCLOSURE TYPE	<p>IP66</p> <p>4X. 12</p>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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