Specifications



Photo is representative

Eaton 262244

Eaton Moeller series NZM - Molded Case Circuit Breaker. Box terminal, 3p, up to 300 A

General specifications	
PRODUCT NAME	Eaton Moeller series NZM connection type
CATALOG NUMBER	262244
MODEL CODE	NZM2-250-XKC
EAN	4015082622442
PRODUCT LENGTH/DEPTH	103 mm
PRODUCT HEIGHT	184 mm
PRODUCT WIDTH	105 mm
PRODUCT WEIGHT	0.233 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	UL489 IEC60947 UL (Category Control Number DIHS) CE marking UL listed CSA certified CSA (File No. 22086) CSA-C22.2 No. 5-09 UL (File No. E31593) CSA (Class No. 1432-01)

Additional information

MODEL	Other

Delivery program

AMPERAGE RATING	300 A
FRAME	NZM2
NUMBER OF POLES	Three-pole
SUITABLE FOR	Copper cable Three-pole
TYPE	• Accessory • Box terminal
USED WITH	NZM2(-4), PN2(-4), N(S)2(-4)

Design verification as per 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 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.

Technical data - electrical

AMPERAGE RATING	300 A

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 - terminals

TERMINAL CAPACITY (COPPER STRIP)	2 segments of 9 mm x 0.8 mm - 10 segments of 16 mm x 0.8 mm or 8 segments of 15.5 mm x 0.8 mm (2x)
TERMINAL CAPACITY (STRANDED CABLE)	10 mm² - 185 mm² (1x) Up to 95 mm² can be connected depending on the cable manufacturer. 12 - 350 AWG/kcmil (1x) 10 mm² - 70 mm² (2x)

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
DRAWINGS	eaton-circuit-breaker-terminals-nzm-box-terminal-dimensions-002.eps
INSTALLATION INSTRUCTIONS	eaton-nzm2-4-160-250-xkc-xkco-xkcu-xks-il01206005z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	eaton-mccb-terminals-mcad-3d-models-nzm2-xkc.stp
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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