

Specifications



Eaton 119860

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection width extension, 3p, 2-hole, size 3

General specifications

PRODUCT NAME	Eaton Moeller series NZM connection type
CATALOG NUMBER	119860
MODEL CODE	NZM3-XKV70-2
EAN	4015081177110
PRODUCT LENGTH/DEPTH	65 mm
PRODUCT HEIGHT	18 mm
PRODUCT WIDTH	105 mm
PRODUCT WEIGHT	0.61 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	Request filed for UL and CSA CSA-C22.2 No. 5-09 CE marking UL489 IEC60947



Powering Business Worldwide

Delivery programme

AMPERAGE RATING	630 A
FRAME	NZM3
NUMBER OF POLES	Three-pole
SPECIAL FEATURES	Two holes
SUITABLE FOR	Three-pole Copper cable lugs
TYPE	Connection width extension
USED WITH	NZM3, PN3, N(S)3

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 - electrical

AMPERAGE RATING	630 A
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Technical data - mechanical - terminals

TERMINAL CAPACITY (COPPER BUSBAR)	10 mm x 50 mm (2x)
TERMINAL CAPACITY (COPPER STRIP)	6 segments of 16 mm x 0.8 mm - 10 segments of 32 mm x 1 mm (2x)
TERMINAL CAPACITY (FLEXIBLE CABLE)	500 AWG/kcmil (4x) 35 mm ² - 185 mm ² (4x) 50 mm ² - 240 mm ² (4x) 350 AWG/kcmil (2x)

Technical data - mechanical

SPECIAL FEATURES	Two holes
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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-connection-nzm-mccb-3d-drawing-002.eps
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	eaton-accessories-mcad-drawings-nzm3-xkv70-2.dwg DA-CS-nzm3_xkv70_2
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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