

Specifications



Photo is representative

Eaton 127737

Eaton Moeller series NZM - Molded Case Circuit Breaker. Screw connection set, 4p, for 12-20mm, cu

General specifications

PRODUCT NAME	Eaton Moeller series NZM connection type
CATALOG NUMBER	127737
MODEL CODE	NZM4-4-XKS
EAN	4015081251476
PRODUCT LENGTH/DEPTH	70 mm
PRODUCT HEIGHT	60 mm
PRODUCT WIDTH	40 mm
PRODUCT WEIGHT	0.32 kg
COMPLIANCES	IEC RoHS conform



Powering Business Worldwide

Product specifications

USED WITH	NZM4-4, N4-4
AMPERAGE RATING	1600 A
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	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
CATALOGUES	eaton-digital-nzm-catalog-ca013003en-en-us.pdf
DRAWINGS	eaton-circuit-breaker-connection-nzm-screw-connection-dimensions.eps
INSTALLATION INSTRUCTIONS	eaton-nzm4-4-xks-instruction-leaflet-il01210017z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	DA-CD-nzm4_xks DA-CS-nzm4_xks
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROTECTION OF ASSEMBLIES	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.
FRAME	NZM4
SUITABLE FOR	Copper cable lugs Four-pole
NUMBER OF POLES	Four-pole
TERMINAL CAPACITY (COPPER STRIP)	10 segments of 50 mm x 1 mm (2x)
MODEL	Other
TYPE	Accessory Screw connection Terminal
SPECIAL FEATURES	Double hole fitting with M10 screws
TERMINAL CAPACITY (STRANDED CABLE)	50 mm ² - 185 mm ² (4x) 250 - 350 AWG/kcmil (1x) Max. 350 AWG/kcmil (4x) 120 mm ² - 185 mm ² (1x)
TERMINAL CAPACITY (COPPER BUSBAR)	50 mm x 10 mm (2x)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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