

Specifications



Eaton 118907

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection block for component adapters 4p, size 2

General specifications

PRODUCT NAME	Eaton Moeller series NZM multi-function device adapter
CATALOG NUMBER	118907
MODEL CODE	NZM2-4-XKR4
EAN	4015081171064
PRODUCT LENGTH/DEPTH	136 mm
PRODUCT HEIGHT	35 mm
PRODUCT WIDTH	93 mm
PRODUCT WEIGHT	0.2 kg
COMPLIANCES	IEC RoHS conform
CERTIFICATIONS	CSA-C22.2 No. 5-09 Specially designed for North America UL listed CE marking IEC60947-2 UL489 UL (File No. E31593) CSA (File No. 22086) UL (Category Control Number DIVQ) CSA certified CSA (Class No. 1432-01)



Powering Business Worldwide

Additional information

MODEL	Other
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Delivery programme

AMPERAGE RATING	250 A
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FRAME	NZM2
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NUMBER OF POLES	Four-pole
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SPECIAL FEATURES	• Current limiting circuit breaker • For NZM2 component adapter
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SUITABLE FOR	Four-pole
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TYPE	Connection block for component adapter
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USED WITH	PN2-4 N2-4 Feeder circuits, branch circuits NZM2-4
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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

Technical data - electrical

AMPERAGE RATING	250 A
VOLTAGE RATING (UL CSA 13)	Max. 480 Y / 277 V

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 - mechanical

DEGREE OF PROTECTION	IP20
SPECIAL FEATURES	• Current limiting circuit breaker • For NZM2 component adapter

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-rear-connection-dimensions-003.eps eaton-circuit-breaker-nzm-connection-block-3d-drawing.eps
INSTALLATION INSTRUCTIONS	eaton-circuit-breakers-nzm2-xkr-o-u-connection-il01219047z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	nzm2_4_xkr4.stp eaton-mccb-terminals-mcad-drawings-nzm2-4-xkr4.dwg
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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