

Specifications



Eaton 271462

Eaton Moeller series NZM - Molded Case Circuit Breaker. Tunnel terminal, 4p, 1 page, max. 240mm², size 3

General specifications

PRODUCT NAME	Eaton Moeller series NZM connection type
CATALOG NUMBER	271462
MODEL CODE	NZM3-4-XKA2
EAN	4015082714628
PRODUCT LENGTH/DEPTH	190 mm
PRODUCT HEIGHT	105 mm
PRODUCT WIDTH	105 mm
PRODUCT WEIGHT	1.514 kg
COMPLIANCES	IEC RoHS conform
CERTIFICATIONS	IEC 60947 EN 60947

Additional information

MODEL

Other

Delivery programme

AMPERAGE RATING

630 A

FRAME

NZM3

NUMBER OF POLES

Four-pole

SUITABLE FOR

Four-pole
Copper cable

TYPE

- Accessory
- Tunnel terminal

USED WITH

NZM3-4, PN3-4, N(S)3-4

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	630 A
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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 - terminals

TERMINAL CAPACITY (STRANDED CABLE)

Max. 500 AWG/kcmil (1x)
Max. 500 AWG/kcmil (2x)
50 mm² - 240 mm² (1x)
50 mm² - 240 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](#)

[eaton-general-nzm-tunnel-terminal-dimensions-002.eps](#)

DRAWINGS

[eaton-circuit-breaker-terminals-nzm-tunnel-terminal-dimensions-002.eps](#)

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INSTALLATION INSTRUCTIONS

[eaton-circuit-breaker-tunnel-terminal-nzm2-3-il01210007z.pdf](#)

INSTALLATION VIDEOS

[Introduction of the new digital circuit breaker NZM](#)

[The new digital NZM Range](#)

MCAD MODEL

[eaton-mccb-terminals-mcad-drawings-nzm3-xka2.dwg](#)

[DA-CS-nzm3_xka2](#)

TECHNICAL DATA SHEETS

[eaton-nzm-technical-information-sheet](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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