

Specifications



Eaton 142271

Eaton Moeller series NZM - Molded Case Circuit Breaker. Link kit, +cover, +heat sink, 4p, /2p, frame 3

General specifications

PRODUCT NAME	Eaton Moeller series NZM link kit
CATALOG NUMBER	142271
MODEL CODE	NZM3-4-XKV2P-K
EAN	4015081390014
PRODUCT LENGTH/DEPTH	190 mm
PRODUCT HEIGHT	154 mm
PRODUCT WIDTH	112 mm
PRODUCT WEIGHT	1.741 kg
COMPLIANCES	IEC RoHS conform

Additional information

MODEL

Other

Delivery programme

AMPERAGE RATING	550 A (40 °C), 468 A (65 °C)
FRAME	NZM3
NUMBER OF POLES	Two-pole
SPECIAL FEATURES	Jumper kit with cover IP2X and heat sink
SUITABLE FOR	Four-pole
TYPE	DC link kit
USED WITH	N3-4-...-S1(-S15)-DC

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	550 A (40 °C), 468 A (65 °C)
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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

SPECIAL FEATURES	Jumper kit with cover IP2X and heat sink
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Resources

BROCHURES	eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf eaton-digital-nzm-brochure-br013003en-en-us.pdf
CATALOGUES	eaton-digital-nzm-catalog-ca013003en-en-us.pdf
DRAWINGS	eaton-circuit-breaker-nzm-jumper-kit-dimensions-004.eps eaton-circuit-breaker-nzm-jumper-kit-3d-drawing-006.eps
ECAD MODEL	DA-CE-ETN.NZM3-4-XKV2P-K
INSTALLATION INSTRUCTIONS	eaton-terminal-jumpers-n3-dc-switch-disconnectors-il01208003z.pdf
INSTALLATION VIDEOS	The new digital NZM Range Introduction of the new digital circuit breaker NZM
MCAD MODEL	eaton-mccb-terminals-mcad-drawings-nzm3-4-xkv2p-k.dwg DA-CS-nzm3_4_xkv2p_k

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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