Specifications



Photo is representative

Eaton 266730

Eaton Moeller series NZM - Molded Case Circuit Breaker. Tunnel terminal, 3p, 1 switch side, size 1

General specifications

PRODUCT NAME	Eaton Moeller series NZM connection type
CATALOG NUMBER	266730
MODEL CODE	NZM1-XKA
EAN	4015082667306
PRODUCT LENGTH/DEPTH	55 mm
PRODUCT HEIGHT	27 mm
PRODUCT WIDTH	60 mm
PRODUCT WEIGHT	0.34 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	CSA (Class No. 1437-01) CE marking IEC60947 UL listed UL489 CSA (File No. 22086) UL (File No. E31593) CSA certified UL (Category Control Number DIHS) CSA-C22.2 No. 5-09

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Additional information

MODEL	Other

Delivery programme

AMPERAGE RATING	□ 160 A
FRAME	NZM1
NUMBER OF POLES	Three-pole
SUITABLE FOR	Copper cable Three-pole
TYPE	• Accessory • Tunnel terminal
USED WITH	NZM1, PN1, N(S)1

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	160 A

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)	6 - 3/0 AWG/kcmil (1x) 16 mm² - 95 mm² (1x)

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-terminals-nzm-tunnel-terminal-dimensions.eps eaton-circuit-breaker-terminals-nzm-tunnel-terminal-3d-drawing-003.eps
INSTALLATION INSTRUCTIONS	eaton-circuit-breakers-cover-connections-il01219013z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	DA-CS-nzm1_xka
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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