

Specifications



Photo is representative

Eaton 281664

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection, on rear, 3.5mm, 3p, top

General specifications

PRODUCT NAME	Eaton Moeller series NZM multi-function device adapter
CATALOG NUMBER	281664
MODEL CODE	+NZM2-XKR4O
EAN	4015082816643
PRODUCT LENGTH/DEPTH	102 mm
PRODUCT HEIGHT	35 mm
PRODUCT WIDTH	93 mm
PRODUCT WEIGHT	0.159 kg
COMPLIANCES	IEC UL/CSA RoHS conform
CERTIFICATIONS	UL listed UL (File No. E31593) CSA certified Specially designed for North America CSA-C22.2 No. 5-09 UL489 CSA (File No. 22086) CE marking CSA (Class No. 1432-01) IEC60947-2 UL (Category Control Number DIVQ)

Product specifications

USED WITH	PN2 NZM2, NZM3 component adapter from Wöhner Feeder circuits, branch circuits N(S)2 NZM2
AMPERAGE RATING	250 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	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
CATALOGS	eaton-digital-nzm-catalog-ca013003en-en-us.pdf
DECLARATIONS OF CONFORMITY	DA-DC-03_NZM2
DRAWINGS	eaton-circuit-breaker-connection-nzm-connection-block-3d-drawing.eps
INSTALLATION INSTRUCTIONS	eaton-circuit-breakers-nzm2-xkr-o-u-rear-connection-instruction-leaflet-il01219047z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
MCAD MODEL	DA-CD-nzm2_xkr4 DA-CS-nzm2_xkr4
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet

IMPACT	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 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	NZM2
SUITABLE FOR	Three-pole
VOLTAGE RATING (UL CSA 13)	Max. 480 Y / 277 V
DEGREE OF PROTECTION	IP20
MOUNTING POSITION	Fitted above
NUMBER OF POLES	Three-pole
MODEL	Other
TYPE	60 mm system Accessory Accessory, multifunction component adapter Connection block Connection block for component adapter
SPECIAL FEATURES	Current limiting circuit breaker For NZM2 component adapter, connection at top

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

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