

Specifications



Eaton 281581

Eaton Moeller series NZM - Molded Case Circuit Breaker. Interlock, mechanical, size 1

General specifications

PRODUCT NAME	Eaton Moeller series NZM mounting accessory
CATALOG NUMBER	281581
MODEL CODE	NZM1-XMV
EAN	4015082815813
PRODUCT LENGTH/DEPTH	90 mm
PRODUCT HEIGHT	50 mm
PRODUCT WIDTH	85 mm
PRODUCT WEIGHT	0.308 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL (Category Control Number DIHS) IEC60947 CE marking CSA-C22.2 No. 5-09 CSA (Class No. 1437-01) UL489 UL listed CSA certified UL (File No. E140305) CSA (File No. 22086)

Product specifications

USED WITH	NZM1
	NZM1-NA
USED WITH	N(S)1(-4)
	NZM1-4
	PN1-4
	NS1
	PN1
	NZM1(-4)
	N1
	N1-4
	PN1(-4)
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

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](#)

[eaton-circuit-breaker-interlock-nzm-mccb-dimensions.eps](#)

[eaton-circuit-breaker-interlock-nzm-mccb-dimensions-005.eps](#)

[eaton-circuit-breaker-interlock-nzm-mccb-dimensions-007.eps](#)

[eaton-circuit-breaker-interlock-nzm-mccb-dimensions-006.eps](#)

[eaton-circuit-breaker-interlock-nzm-mccb-3d-drawing.eps](#)

DRAWINGS

INSTALLATION INSTRUCTIONS

[eaton-circuit-breakers-mechanical-interlock-il01219012z.pdf](#)

INSTALLATION VIDEOS

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

[The new digital NZM Range](#)

MCAD MODEL

[DA-CS-nzm1_xmv](#)

[DA-CD-nzm1_xmv](#)

TECHNICAL DATA SHEETS

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

	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 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	NZM1
ACCESSORY/SPARE PART TYPE	Other
TYPE	Accessory. Mechanical interlock
SPECIAL FEATURES	Allows interlocking of 2, 3 or 4 switches, including different construction sized switches, with NZM-XBZ... bowden cables.

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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