Specifications

Eaton 292195

Eaton Moeller series NZM - Molded Case Circuit Breaker. Auxiliary contact, 2early N/O, operates as an early-make contact, connection right

General specifications

PRODUCT NAME	Eaton Moeller series NZM auxiliary contact
CATALOG NUMBER	292195
MODEL CODE	NZM1-XHIVR
EAN	4015082921958
PRODUCT LENGTH/DEPTH	37 mm
PRODUCT HEIGHT	66 mm
PRODUCT WIDTH	32 mm
PRODUCT WEIGHT	0.038 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 IEC60947 CSA (Class No. 1437-01) UL (File No. E140305) CE marking UL listed CSA certified UL489 CSA (File No. 22086)

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Product specifications

USED WITH	FAZ-B6 (max. miniature circuit breaker)
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	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
CATALOGUES	eaton-digital-nzm-catalog-ca013003en-en-us.pdf
DRAWINGS	eaton-circuit-breaker-release-nzm-mccb-dimensions.eps eaton-circuit-breaker-contact-nzm-mccb-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.NZM1-XHIVR
INSTALLATION INSTRUCTIONS	eaton-circuit-breaker-nzm1-xa-xahiv-xhiv-xu-xuhiv-il01203002z.pdf
INSTALLATION VIDEOS	Introduction of the new digital circuit breaker NZM The new digital NZM Range
TECHNICAL DATA SHEETS	eaton-nzm-technical-information-sheet
WIRING DIAGRAMS	eaton-circuit-breaker-contact-nzm-mccb-wiring-diagram.eps

PROTECTION OF ASSEMBLIES	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.
MOUNTING METHOD	Other
CONNECTION TYPE	Screw connection
CONVENTIONAL THERMAL CURRENT ITH OF AUXILIARY CONTACTS	4 A
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	2
RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V	4 A
VOLTAGE RATING AT AC	500 V AC
VOLTAGE RATING AT DC	220 VDC
NUMBER OF FAULT-SIGNAL SWITCHES	0
RATED OPERATIONAL CURRENT	2.5 A at 240 V AC (UL/CSA) 1 A at 250 V DC (UL/CSA)
FUSE SHORT-CIRCUIT PROTECTION - MAX	10 A gG/gL

MODEL	Integrable
TERMINAL CAPACITY (SOLID/FLEXIBLE CONDUCTOR)	18 - 14 AWG (1x) at auxiliary contacts 0.75 mm^2 - 2.5 mm^2 (2x) at auxiliary contacts with ferrule 18 - 14 AWG (2x) at auxiliary contacts 0.75 mm^2 - 2.5 mm^2 (1x) at auxiliary contacts with ferrule
LAMP HOLDER	None
SPECIAL FEATURES	C300/R300 (auxiliary contacts, UL/CSA, pilot duty)

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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