Specifications

Eaton 231223

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=200x120x160mm, +mounting rail, NA type

General Specifications

PRODUCT NAME	Eaton Moeller® series CI-K Insulated enclosure
CATALOG NUMBER	231223
PRODUCT LENGTH/DEPTH	160 mm
PRODUCT HEIGHT	222 mm
PRODUCT WIDTH	120 mm
PRODUCT WEIGHT	0.58 kg
CERTIFICATIONS	CE CSA-C22.2 No. 14-05 UL 508 CSA-C22.2 No. 94 UL UL Category Control No.: MITW2 UL File No.: E54120 CSA File No.: 012528 IEC/EN 60947-3 CSA CSA Class No.: 3211-07
CATALOG NOTES	Approved for UL, CSA
EAN	4015082312237
MODEL CODE	CI-K3X-160-TS-NA

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Product specifications

TYPE	Basic enclosure
FEATURES	Smooth shape all round with sharp corners
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	Please enquire
10.2.5 LIFTING	Not applicable.
10.2.6 MECHANICAL IMPACT	Meets the product standard's requirements.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Meets the product standard's requirements.

Resources

BROCHURES	Brochure - CI-K small enclosures
DECLARATIONS OF CONFORMITY	CE CI-K..-TS/M general purpose enclosures UKCA CI-K..-TS/M general purpose enclosures
ECAD MODEL	DA-CE-ETN.CI-K3X-160-TS-NA
INSTALLATION INSTRUCTIONS	IL01502082Z
MCAD MODEL	DA-CD-ci_k3_ts_na DA-CS-ci_k_ts_na_4

10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Is the panel builder's responsibility.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
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	Meets the product standard's requirements.
FITTED WITH:	DIN-rail
ENCLOSURE MATERIAL	Plastic
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	25.5 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
MOUNTING DEPTH	128 mm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	Basic enclosures
ENCLOSURE COLOR	Black (RAL 9005) Light gray, Operator (RAL 7035)
DEGREE OF PROTECTION	IP65

	NEMA 1 Indoor and outdoor use
MODEL	Surface mounting
DEGREE OF PROTECTION (FRONT SIDE)	IP65
TEMPERATURE RESISTANCE	-40 - 120 °C (enclosure) -40 - 80 °C (gasket)
SURFACE TREATMENT	Resistant to corrosion

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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