Specifications

Eaton 231231

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=222x120x160mm, +mounting plate, NA type

General Specifications		
PRODUCT NAME	Eaton Moeller® series Cl-K Insulated enclosure	
CATALOG NUMBER	231231	
PRODUCT LENGTH/DEPTH	160 mm	
PRODUCT HEIGHT	222 mm	
PRODUCT WIDTH	120 mm	
PRODUCT WEIGHT	0.7 kg	
CERTIFICATIONS	CSA Class No.: 3211-07 UL 508 CSA UL File No.: E54120 CE UL Category Control No.: MITW2 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94 CSA File No.: 012528 IEC/EN 60947-3 UL	
CATALOG NOTES	Approved for UL, CSA	
EAN	4015082312312	
MODEL CODE	CI-K3X-160-M-NA	



Product specification	S
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	UKCA CI-KTS/M general purpose enclosures
	CE CI-KTS/M general purpose enclosures
ECAD MODEL	DA-CE-ETN.CI-K3X-160-M- NA
INSTALLATION INSTRUCTIONS	IL01502082Z
MCAD MODEL	DA-CD-ci k3 m na
MICAD MODEL	DA-CS-ci k m na 4

REEPAGE DISTANCES 0.5 PROTECTION GAINST ELECTRIC HOCK 0.6 INCORPORATION OF WITCHING DEVICES AND OMPONENTS 0.7 INTERNAL LECTRICAL CIRCUITS IND CONNECTIONS 0.8 CONNECTIONS FOR XTERNAL CONDUCTORS 0.9.2 POWER-REQUENCY ELECTRIC TRENGTH 0.9.3 IMPULSE WITHSTAND VOLTAGE 0.9.4 TESTING OF NCLOSURES MADE OF NSULATING MATERIAL INTED WITH: NOLOSURE MATERIAL INTED WITH: MOUNTING DEPATION CURRENT-PEPENDENT PVID IEAT DISSIPATION ON PRE OLE, CURRENT-PEPENDENT VS RODUCT CATEGORY RODUCT CATEGORY Basic enclosures Black (RAL 9005) Basic enclosures Black (RAL 9005)		
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LECTRICAL CIRCUITS IND CONNECTIONS 1. S the panel builder's responsibility. 1. S the panel builder's responsibil	10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	-
ATTERNAL CONDUCTORS TESPONSIBILITY. 1. Sthe panel builder's responsibility.	10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	-
REQUENCY ELECTRIC TRENGTH 0.9.3 IMPULSE WITHSTAND VOLTAGE 0.9.4 TESTING OF NCLOSURES MADE OF NSULATING MATERIAL ITTED WITH: Mounting plate NCLOSURE MATERIAL MEETS TO PERATING EMPERATURE - MAX MBIENT OPERATING EMPERATURE - MIN QUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID MATERIAL MATERIAL DISSIPATION PER OLE, CURRENT- DEPENDENT PVID MOUNTING DEPTH ATED OPERATIONAL URRENT FOR SPECIFIED MATERIAL MATERIAL O W MOUNTING DEPTH MATERIAL O W MOUNTING DEPTH MATERIAL O W MOUNTING DEPTH MATERIAL MEETS DISSIPATION (IN) TATIC HEAT DISSIPATION, NON- URRENT-DEPENDENT VS RODUCT CATEGORY Basic enclosures Black (RAL 9005) Light gray, Operator (RAL 7035)	10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	•
MITHSTAND VOLTAGE O.9.4 TESTING OF NCLOSURES MADE OF NSULATING MATERIAL ITTED WITH: Mounting plate Plastic MBIENT OPERATING EMPERATURE - MAX MBIENT OPERATING EMPERATURE - MIN QUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID MAPACITY PDISS JEAT DISSIPATION PER OLE, CURRENT- DEPENDENT PVID MOUNTING DEPTH ATED OPERATIONAL URRENT FOR SPECIFIED JEAT DISSIPATION (IN) TATIC HEAT DISSIPATION, NON- URRENT-DEPENDENT VS RODUCT CATEGORY Basic enclosures Black (RAL 9005) Light gray, Operator (RAL 7035)	10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	-
Meets the product standard's requirements. Mounting plate Plastic 70 °C -25 °C MBIENT OPERATING EMPERATURE - MAX MBIENT OPERATING EMPERATURE - MIN QUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID MAPACITY PDISS MEAT DISSIPATION PER OLE, CURRENT- DEPENDENT PVID MOUNTING DEPTH MATED OPERATIONAL URRENT FOR SPECIFIED URRENT FOR SPECIFIED URRENT FOR SPECIFIED URRENT-DEPENDENT VS RODUCT CATEGORY MOUNTING Basic enclosures Black (RAL 9005) Light gray, Operator (RAL 7035)	10.9.3 IMPULSE WITHSTAND VOLTAGE	•
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25.5 W REAT DISSIPATION PER OLE, CURRENT- OEPENDENT PVID MOUNTING DEPTH ATED OPERATIONAL CURRENT FOR SPECIFIED OEAT DISSIPATION (IN) TATIC HEAT OISSIPATION, NON- CURRENT-DEPENDENT VS RODUCT CATEGORY Basic enclosures Black (RAL 9005) Light gray, Operator (RAL 7035)	EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID	0 W
OLE, CURRENT- DEPENDENT PVID MOUNTING DEPTH 133 mm ATED OPERATIONAL CURRENT FOR SPECIFIED DISSIPATION (IN) TATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT VS RODUCT CATEGORY Basic enclosures Black (RAL 9005) Light gray, Operator (RAL 7035)	HEAT DISSIPATION CAPACITY PDISS	25.5 W
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TATIC HEAT DISSIPATION (IN) TATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT VS RODUCT CATEGORY Basic enclosures Black (RAL 9005) Light gray, Operator (RAL 7035)	MOUNTING DEPTH	133 mm
RODUCT CATEGORY Basic enclosures Black (RAL 9005) Light gray, Operator (RAL 7035)	RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
Black (RAL 9005) NCLOSURE COLOR Light gray, Operator (RAL 7035)	STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0 W
NCLOSURE COLOR Light gray, Operator (RAL 7035)	PRODUCT CATEGORY	Basic enclosures
PEGREE OF PROTECTION NEMA 12	ENCLOSURE COLOR	Light gray, Operator (RAL
	DECREE OF PROTECTION	NFMA 12

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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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