Specifications



Eaton 231224

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=240x160x125mm, +mounting rail, NA type

General Specifications	
PRODUCT NAME	Eaton Moeller® series Cl-K Insulated enclosure
CATALOG NUMBER	231224
PRODUCT LENGTH/DEPTH	125 mm
PRODUCT HEIGHT	240 mm
PRODUCT WIDTH	160 mm
PRODUCT WEIGHT	0.723 kg
CERTIFICATIONS	CSA CSA-C22.2 No. 14-05 CE CSA Class No.: 3211-07 UL File No.: E54120 CSA-C22.2 No. 94 CSA File No.: 012528 IEC/EN 60947-3 UL Category Control No.: MITW2 UL 508 UL
CATALOG NOTES	Approved for UL, CSA
EAN	4015082312244
MODEL CODE	CI-K4X-125-TS-NA



Product specifications		
ТҮРЕ	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-KTS/M general purpose enclosures UKCA CI-KTS/M general purpose enclosures
ECAD MODEL	DA-CE-ETN.CI-K4X-125-TS- NA
INSTALLATION INSTRUCTIONS	IL01502082Z
MCAD MODEL	DA-CD-ci k4 ts na DA-CS-ci k ts na 5

10.4 CLEARANCES AND CREEPAGE DISTANCESMeets the product standard's requirements.10.5 PROTECTION AGAINST ELECTRIC SHOCKIs the panel builder's responsibility.10.6 INCORPORATION OF SCOMPONENTSIs the panel builder's responsibility.10.6 INCORPORATIONS FOR ELECTRICAL CIRCUITS AND CONNECTIONSIs the panel builder's responsibility.10.7 INTERNAL CONNECTIONS FOR STRENGTHIs the panel builder's responsibility.10.9.2 POWER- REQUENCY ELECTRIC STRENGTHIs the panel builder's responsibility.10.9.3 IMPULSE TREQUENCY ELECTRIC STRENGTHIs the panel builder's responsibility.10.9.4 TESTING OF FINCLOSURE MADE OF SULATING MATERIALMeets the product standard's requirements.11.100OIN-rail12.101 ENCLOSURE MATERIAL FIMPERATURE - MAXOuvaliance13.102 FIMPERATURE - MAXOuvaliance14.103 SUPATION, CURRENT- DISSIPATION, CURRENT- DEPENDENT PVIDOuvaliance15.103 FORDUCT CATEGORYJamm16.104 FIATICHEAT DISSIPATION, NON- CURRENT-DEPENDENT PUSOuvaliance17.101 FIATICHEAT DISSIPATION, NON- CURRENT-DEPENDENT PUSBasic enclosures17.101 FIATICHEAT DISSIPATION, CURRENT PUSBasic enclosures17.101 FIATICHEAT DISSIPATION, CURRENT PUSBasic enclosures17.101 PUSBasic enclosures17.101 PUSBasic enclosures17.101 PUSBasic enclosures17.101 PUSBasic enclosures17.101 PUSBasic enclosures17.1		
AGAINST ELECTRIC SHOCKIs the panel builder's responsibility.10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTSIs the panel builder's responsibility.10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONSIs the panel builder's responsibility.10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS FOR EXTERNAL CONDUCTORSIs the panel builder's responsibility.10.9.2 POWER- FREQUENCY ELECTRIC STRENGTHIs the panel builder's responsibility.10.9.3 IMPULSE WITHSTAND VOLTAGEIs the panel builder's responsibility.10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIALPlasticAMBIENT OPERATING TEMPERATURE - MINS20 °CAMBIENT OPERATING TEMPERATURE - MINS-25 °CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS0 AHEAT DISSIPATION CURRENT- DEPENDENT PVID0 AMOUNTING DEPTH POLE, CURRENT- DEPENDENT PVID0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVIS0 WSTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVIS0 WFATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVIS0 WFATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVIS0 WFATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVISBasic enclosuresFAND COLOCT CATEGORYBasic enclosuresBIACK (RAL 9005) Light gray, Operator (RAL 7035)		
SWITCHING DEVICES AND COMPONENTSIs the panel builder's responsibility.10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONSIs the panel builder's responsibility.10.8 CONNECTIONS FOR EXTERNAL CONDUCTORSIs the panel builder's responsibility.10.9.2 POWER- FREQUENCY ELECTRIC STRENGTHIs the panel builder's responsibility.10.9.3 IMPULSE WITHSTAND VOLTAGEIs the panel builder's responsibility.10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIALIs the panel builder's responsibility.10.9.4 TESTING OF ENCLOSURE MATE RIALDIN-rail10.9.4 TESTING OF ENCLOSURE MATERIALPlastic4 MBIENT OPERATING TEMPERATURE - MIN-25 °C6 CUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 W10 MOUNTING DEPTH93 mm10 MOUNTING DEPTH0 A10 MOUNTING DEPTH PVS0 A10 SISIPATION, INON- CURRENT-DEPENDENT PVS0 W11 SISIPATION, INON- CURRENT-DEPENDENT PVSBasic enclosures12 BACK (RAL 9005) Light gray, Operator (RAL 7035)	AGAINST ELECTRIC	
ELECTRICAL CIRCUITS AND CONNECTIONSIs the panel builder's responsibility.10.8 CONNECTIONS FOR EXTERNAL CONDUCTORSIs the panel builder's responsibility.10.9.2 POWER- FREQUENCY ELECTRIC STRENGTHIs the panel builder's responsibility.10.9.3 IMPULSE WITHSTAND VOLTAGEIs the panel builder's responsibility.10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIALMeets the product standard's requirements.FITTED WITH:DIN-railENCLOSURE MATERIALPlasticAMBIENT OPERATING TEMPERATURE - MIN $20 °C$ EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID $0 W$ HEAT DISSIPATION CURRENT- DEPENDENT PVID $0 W$ MOUNTING DEPTH HEAT DISSIPATION (IN) $93 mm$ RATED OPERATIONAL CURRENT-DEPENDENT POLE, CURRENT-DEPENDENT POLE, CURRENT-DEPENDENT POLE POLE, CURRENT-DEPENDENT POLE POLE, CURRENT-DEPENDENT POLE POLE POLE, CURRENT-DEPENDENT POLE POLE POLE, CURRENT-DEPENDENT POLE POLE POLE POLE POLE POLE POLE POLE POLE POLE<	SWITCHING DEVICES AND	-
EXTERNAL CONDUCTORSresponsibility.10.9.2 POWER- FREQUENCY ELECTRIC STRENGTHIs the panel builder's responsibility.10.9.3 IMPULSEIs the panel builder's responsibility.10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIALMeets the product standard's requirements.FITTED WITH:DIN-railENCLOSURE MATERIALPlasticAMBIENT OPERATING TEMPERATURE - MAX 20° CAMBIENT OPERATING TEMPERATURE - MIN 25° CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID 0 WMEAT DISSIPATION CURRENT- DEPENDENT PVID 26 WMOUNTING DEPTH 93 mmRATED OPERATIONAL CURRENT- DEPENDENT PVID 0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVID 0 WSTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVID 0 WSTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVID 0 AFRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)	ELECTRICAL CIRCUITS	
FREQUENCY ELECTRIC STRENGTHIs the panel builder's responsibility.10.9.3 IMPULSE WITHSTAND VOLTAGEIs the panel builder's responsibility.10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIALMeets the product standard's requirements.FITTED WITH:DIN-railENCLOSURE MATERIALPlasticAMBIENT OPERATING TEMPERATURE - MAX70 °CAMBIENT OPERATING TEMPERATURE - MIN-25 °CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS26 WMOUNTING DEPTH HEAT DISSIPATION (UN)93 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 wSTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 wRADUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)		
WITHSTAND VOLTAGEresponsibility.10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIALMeets the product standard's requirements.FITTED WITH:DIN-railENCLOSURE MATERIALPlasticAMBIENT OPERATING TEMPERATURE - MAX $2^{\circ} C^{\circ}$ AMBIENT OPERATING TEMPERATURE - MIN $2^{\circ} C^{\circ}$ FQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID $2^{\circ} W^{\circ}$ MEAT DISSIPATION CAPACITY PDISS $2^{\circ} W^{\circ}$ MOUNTING DEPTH POLE, CURRENT- DEPENDENT PVID 93 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) $0^{\circ} W^{\circ}$ STATIC HEAT DISSIPATION (IN) $0^{\circ} W^{\circ}$ STATIC HEAT POLUCT CATEGORYBaisc enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035) $0^{\circ} W^{\circ}$	FREQUENCY ELECTRIC	•
ENCLOSURES MADE OF INSULATING MATERIALMeets the product standard's requirements.FITTED WITH:DIN-railENCLOSURE MATERIALPlasticAMBIENT OPERATING TEMPERATURE - MAX70 °CAMBIENT OPERATING TEMPERATURE - MIN-25 °CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS26 WMOUNTING DEPTH93 mmRATED OPERATIONAL CURRENT-POLE, CURRENT- DEPENDENT PVID0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT0 ASTATIC HEAT PVS0 WBIACK (RAL 9005) Light gray, Operator (RAL 7035)		•
Initial controlDifferenceENCLOSURE MATERIALPlasticAMBIENT OPERATING TEMPERATURE - MAX70 °CAMBIENT OPERATING TEMPERATURE - MIN-25 °CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS26 WHEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID0 WMOUNTING DEPTH93 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)Black (RAL 9005) Light gray, Operator (RAL 7035)	ENCLOSURES MADE OF	
AMBIENT OPERATING TEMPERATURE - MAX70 °CAMBIENT OPERATING TEMPERATURE - MIN-25 °CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS26 WMOUNTING DEPTH93 mmMOUNTING DEPTH93 mmSTATIC HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 APRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 2035)	FITTED WITH:	DIN-rail
TEMPERATURE - MAX70 °CAMBIENT OPERATING TEMPERATURE - MIN-25 °CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS26 WHEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID0 WMOUNTING DEPTH93 mmRATED OPERATIONAL CURRENT-FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)	ENCLOSURE MATERIAL	Plastic
TEMPERATURE - MIN-25 °CEQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS26 WHEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID0 WMOUNTING DEPTH93 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)		70 °C
DISSIPATION, CURRENT- DEPENDENT PVID0 WHEAT DISSIPATION CAPACITY PDISS26 WHEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID0 WMOUNTING DEPTH93 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)Black (RAL 9005) Light gray, Operator (RAL 7035)		-25 °C
CAPACITY PDISS26 WHEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID0 WMOUNTING DEPTH93 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)	DISSIPATION, CURRENT-	0 W
POLE, CURRENT- DEPENDENT PVID0 WMOUNTING DEPTH93 mmRATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)		26 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)	POLE, CURRENT-	0 W
CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)0 ASTATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresENCLOSURE COLORBlack (RAL 9005) Light gray, Operator (RAL 7035)	MOUNTING DEPTH	93 mm
DISSIPATION, NON- CURRENT-DEPENDENT PVS0 WPRODUCT CATEGORYBasic enclosuresBlack (RAL 9005) Light gray, Operator (RAL 7035)	CURRENT FOR SPECIFIED	0 A
ENCLOSURE COLOR Black (RAL 9005) Light gray, Operator (RAL 7035)	DISSIPATION, NON- CURRENT-DEPENDENT	0 W
ENCLOSURE COLOR Light gray, Operator (RAL 7035)	PRODUCT CATEGORY	Basic enclosures
	ENCLOSURE COLOR	Light gray, Operator (RAL
DEGREE OF PROTECTION NEMA 13		

	IP65
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:



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

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

