

Specifications



Eaton 231221

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=160x100x145mm, +mounting rail, NA type

General Specifications

PRODUCT NAME	Eaton Moeller® series CI-K Insulated enclosure
CATALOG NUMBER	231221
PRODUCT LENGTH/DEPTH	145 mm
PRODUCT HEIGHT	180 mm
PRODUCT WIDTH	100 mm
PRODUCT WEIGHT	0.43 kg
CERTIFICATIONS	UL CSA-C22.2 No. 94 CSA CSA Class No.: 3211-07 UL File No.: E54120 CE IEC/EN 60947-3 UL 508 CSA File No.: 012528 UL Category Control No.: MITW2 CSA-C22.2 No. 14-05
CATALOG NOTES	Approved for UL, CSA
EAN	4015082312213
MODEL CODE	CI-K2X-145-TS-NA

Product specifications

TYPE	Basic enclosure
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.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.

Resources

BROCHURES	Brochure - CI-K small enclosures
DECLARATIONS OF CONFORMITY	UKCA CI-K..-TS/M general purpose enclosures CE CI-K..-TS/M general purpose enclosures
ECAD MODEL	ETN.CI-K2X-145-TS-NA
INSTALLATION INSTRUCTIONS	IL01502082Z
MCAD MODEL	ci k ts na 2 DA-CD-ci k2 ts na

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	18.5 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
MOUNTING DEPTH	118 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 12
MODEL	Surface mounting

DEGREE OF PROTECTION (FRONT SIDE)	IP65
TEMPERATURE RESISTANCE	-40 - 80 °C (gasket) -40 - 120 °C (enclosure)
KNOCKOUTS	4 x ½ inch knockouts
SURFACE TREATMENT	Resistant to corrosion

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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