Specifications

Eaton 229310

Eaton Moeller® series CI-K Insulated enclosure, HxWxD=160x100x100mm, +hinged cover CI-K2H-80-K

General specifications	
PRODUCT NAME	Eaton Moeller® series CI-K Insulated enclosure
CATALOG NUMBER	229310
MODEL CODE	CI-K2H-80-K
EAN	4015082293109
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	180 mm
PRODUCT WIDTH	100 mm
PRODUCT WEIGHT	0.36 kg
CERTIFICATIONS	IEC 60068-2-11 UL94: VO/1.5 mm thickness IEC/EN 60529 DIN EN 62208 UL94: HB
GLOBAL CATALOG	229310

Powering Business Worldwide

Product specifications

TYPE	Basic enclosure
FEATURES	UV resistance beneath protective shield Halogen free
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	Meets the product standard's requirements.

Resources

DECLARATIONS OF CONFORMITY	CE CI-K..-TS/M general purpose enclosures UKCA CI-K..-TS/M general purpose enclosures
DRAWINGS	eaton-small-enclosures-enclosure-ci-k-insulated-enclosure-dimensions-011.eps eaton-small-enclosures-enclosure-ci-k-insulated-enclosure-dimensions-003.eps eaton-small-enclosures-enclosure-ci-k-insulated-enclosure-dimensions-004.eps
ECAD MODEL	DA-CE-ETN.CI-K2H-80-K
INSTALLATION INSTRUCTIONS	IL01502081Z
MCAD MODEL	DA-CS-ci_k_k_2 DA-CD-ci_k_k

ASSEMBLIES	
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:	Control cable entry Hinged cover
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
ENCLOSURE MATERIAL	Plastic 1 Ω x 10^{13} (Surface resistance to IEC 60093)
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	10 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
MOUNTING DEPTH	70 mm
MOUNTING WEIGHT CAPACITY - MAX	0.7 kg
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	Empty enclosures
ENCLOSURE COLOR	Black (RAL 9005) Light gray, Operator (RAL 7035) Light gray, Cover (RAL 7035)
ENVIRONMENTAL RESISTANCE	Not resistant to benzene Resistant against gasoline Not resistant to alkalis Not resistant to Mineral oil Resistant against alcohol Resistant against benzene Resistant against salt solutions Resistant against alkalis Resistant against greases Resistant against mineral oil Chemical resistant (Base, Cover) Chemical resistant (Push-through membrane (CI-K1/CI-K2) and sealing material) Partly resistant to greases Resistant against acids (< 10%) Partly resistant to acids (> 10%) Partly resistant to alcohol Partly resistant to benzene
COVER MATERIAL	Glass-fiber reinforced polycarbonate
DEGREE OF PROTECTION	IP65 NEMA Other
MODEL	Surface mounting
DIELECTRIC STRENGTH	30 kV/mm, according to IEC 60243-1
TEMPERATURE RESISTANCE	-40 - 120 °C (enclosure) -40 - 80 °C (gasket)
SUITABLE FOR	Emergency stop
FLAMMABILITY CHARACTERISTICS	650 °C/1 mm thick (push-through membrane and seal material) to VDE 0471 Part 2) 960 °C/1 mm thickness (base, cover; glow wire to VDE 0471 Part 2)

KNOCKOUTS	Hard knockout version Metric cable entry knockouts at the top, bottom and back plate Hard metric cable entry knockouts
IMPACT RESISTANCE	IK06 (according to EN 50102)
SURFACE TREATMENT	Resistant to corrosion
TRACK RESISTANCE	CTI 175 (base, to IEC 60112) CTI 175 (cover, to IEC 60112)
WATER CONSUMPTION	0.29 % (According to DIN EN ISO 62)

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

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