Specifications



Eaton 057909

Eaton xEffect Ci Enclosures Switch- & Controlgear Enclosure. Base, smooth sides, HxWxD=250x187.5x120mm

General specifications	
PRODUCT NAME	Eaton xEffect Ci Enclosures Switch- & Controlgear Enclosure
CATALOG NUMBER	057909
MODEL CODE	U-CI23X
EAN	4015080579090
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	250 mm
PRODUCT WIDTH	180 mm
PRODUCT WEIGHT	1.149 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN 62208 EN 61439-2

Product specifications

SPECIAL FEATURES	Flanges #024355 Distance frame for CI45... #110103 Smooth sides Without knockouts
TYPE	Basic enclosure Enclosure bases xEnergy Safety Ci
FEATURES	Cover with overpressure release
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.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility.
10.13 MECHANICAL FUNCTION	Meets the product standard's requirements.
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	960 °C
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.5 LIFTING	5 kg per enclosure with support frame and lifting aid met; assembled and secured as per the latest applicable instruction leaflet.
10.2.6 MECHANICAL IMPACT	IK10
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP65, with cover
10.4 CLEARANCES AND CREEPAGE DISTANCES	Is the panel builder's responsibility.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
10.7 INTERNAL	Is the panel builder's

Resources

BROCHURES	eaton-xenergy-safety-ci-enclosure-brochure-br014001en-en-us.pdf
CERTIFICATION REPORTS	eaton-xeffect-ci-certificate-of-compliance-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-empty-enclosure-declaration-of-conformity-eu250306en.pdf
DRAWINGS	eaton-enclosures-enclosure-xenergy-safety-ci-base-dimensions.eps eaton-enclosures-base-xeffect-ci-3d-drawing.eps
INSTALLATION INSTRUCTIONS	05670392.pdf
INSTALLATION VIDEOS	xEffect CI stand-alone polycarbonate enclosure
MCAD MODEL	u_ci23x.stp

ELECTRICAL CIRCUITS AND CONNECTIONS	responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 1000 V AC
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.
ACCESSORY/SPARE PART TYPE	Individual enclosure bottoms
DEGREE OF PROTECTION	Other IP65 IK10
ENCLOSURE MATERIAL	Plastic
SURFACE PROTECTION	Other
CIRCUIT INTEGRITY	Other
BASE TYPE	Plain
UNIT TYPE	Modular system
BUILT-IN DEPTH	150 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	11 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	9 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	10 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	22 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	19 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	20 W
COLOR	Gray
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Optional None
NUMBER OF OPENINGS (FLANGE PLATES)	0
PLATE THICKNESS (CABINET)	9 mm
PLATE THICKNESS (COVER/DOOR)	6 mm

RAL-NUMBER	7035
WIDTH IN NUMBER OF MODULAR SPACINGS	9
CABLE ENTRY TYPE	Transverse Top and bottom Drill as required
MOUNTING METHOD	Surface mounted (plaster)
NUMBER OF ROWS	0
PROTECTION CLASS	II
NUMBER OF MODULES	1
INTERNAL DEPTH	100 mm
NOMINAL CURRENT	1600 A
NUMBER OF CONDUIT INLETS	0
SUITABLE FOR	Lightning protection Outdoor use
ENCLOSURE MATERIAL QUALITY	Other
TYPE OF COATING	Other

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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