



XEFFECT CI
024646


Overview


Specifications


Resources

How to



024646

Eaton xEffect Ci Enclosures Switch- & Controlgear enclosure, smooth sides, HxWxD=250x375x175mm

Discover the xEffect Ci models



GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME Eaton xEffect Ci Enclosures Switch- & Controlgear

CATALOG NUMBER 024646

Product specifications



MODEL CODE CI43X-150

EAN 4015080246466

PRODUCT LENGTH/DEPTH 175 mm

PRODUCT HEIGHT 250 mm

PRODUCT WIDTH 375 mm

PRODUCT WEIGHT 2.666 kg

WARRANTY 1 year

COMPLIANCES RoHS conform

UL Listed

CERTIFICATIONS		EN 62208 EN 61439-2
PRODUCT SPECIFICATIONS		
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility.	
CIRCUIT INTEGRITY	Other	
TEMPERATURE RESISTANCE	Temperature resistant: 85 °C (enclosure bolt) Temperature resistant: -40 °C - 120 °C (enclosure) Temperature resistant: 80 °C (gasket)	
PLATE THICKNESS (COVER/DOOR)	6 mm	
RAL-NUMBER	7035	
10.4 CLEARANCES AND CREEPAGE DISTANCES	Is the panel builder's responsibility.	
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility.	
PLATE THICKNESS (CABINET)	9 mm	
MOUNTING METHOD	Surface mounted (plaster)	
10.2.5 LIFTING	10 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction leaflet	
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.	
NUMBER OF OPENINGS (FLANGE PLATES)	0	
FREQUENCY RATING	50 to 60 Hz	
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.	
CHEMICAL RESISTANCE	Not resistant to: alkalis, benzene Resistant against: acids < 10 %, mineral oil, alcohol, salt solutions Partly resistant to: Acids > 10 %	
COVER/DOOR MODEL	Closed	
INTERNAL DEPTH	150 mm	
MOUNTING DEPTH WITH MOUNTING PLATE	150 mm	
SPECIAL FEATURES	<ul style="list-style-type: none"> • Smooth side plates, without knockouts • Sealable cover fasteners • Include fixing straps for wall mounting 	
COLOR	Gray Light gray (RAL 7035, base) Transparent, smoky gray (cover)	
UNIT TYPE	Stand-alone device	
BUILT-IN DEPTH	150 mm	

FEATURES	UV resistance beneath protective shield Cover with overpressure release
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
COVER/DOOR COLOR	Transparent
SURFACE PROTECTION	Other
COVER/DOOR TYPE	Transparent Optional None
10.13 MECHANICAL FUNCTION	Meets the product standard's requirements.
10.2.6 MECHANICAL IMPACT	IK10
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP65
NOMINAL CURRENT	1600 A
FLAMMABILITY CHARACTERISTICS (UL)	V1 (base) (UL94) V2 (cover) (UL94)
SUITABLE FOR	Lightning protection Outdoor use
SURFACE FINISHING	Resistant to corrosion
NUMBER OF ROWS	0
PROTECTION CLASS	II
WIDTH IN NUMBER OF MODULAR SPACINGS	15
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	42 W
NUMBER OF CONDUIT INLETS	0
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	Lower part: 960 °C / cover: 850 °C
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 1000 V AC
DEGREE OF PROTECTION	IP65 IK10 Other
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	22 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL	

HEAT DISS. AMBIENT 35 °C DELTA T: 20 °C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	20 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	44 W
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	40 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
MATERIAL	Non-reinforced polycarbonate (cover) Glass-fibre reinforced polycarbonate (base) Halogen free
AMBIENT OPERATING TEMPERATURE DETAILS	-40 °C - 80 °C
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	21 W
SALINE SPRAY RESISTANCE	IEC 60068-2-11
ENCLOSURE MATERIAL	Plastic
TYPE	<ul style="list-style-type: none"> • Basic enclosure • Individual enclosures • xEnergy Safety Ci
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
SURFACE TREATMENT	Resistant to corrosion
BASE TYPE	Plain
NUMBER OF MODULES	1

Brochures

Certification reports

Drawings

Installation instructions

Installation videos

mCAD model

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