



XEFFECT CI  
036511

  
Overview

  
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How to



036511

Eaton xEffect Ci Enclosures Switch- & Controlgear enclosure, smooth sides, HxWxD=375x375x225mm

Discover the xEffect Ci models



GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME Eaton xEffect Ci Enclosures Switch- & Controlgear

CATALOG NUMBER 036511

Product specifications



MODEL CODE CI44X-200

EAN 4015080365112

PRODUCT LENGTH/DEPTH 225 mm

PRODUCT HEIGHT 375 mm

PRODUCT WIDTH 375 mm

PRODUCT WEIGHT 3.36 kg

COMPLIANCES RoHS conform

CERTIFICATIONS EN 61439-2  
EN 62208

## PRODUCT SPECIFICATIONS

<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility.
<b>CIRCUIT INTEGRITY</b>	Other
<b>TEMPERATURE RESISTANCE</b>	Temperature resistant: 80 °C (gasket) Temperature resistant: 85 °C (enclosure bolt) Temperature resistant: -40 °C - 120 °C (enclosure)
<b>PLATE THICKNESS (COVER/DOOR)</b>	6 mm
<b>RAL-NUMBER</b>	7035
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Is the panel builder's responsibility.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility.
<b>PLATE THICKNESS (CABINET)</b>	9 mm
<b>MOUNTING METHOD</b>	Surface mounted (plaster)
<b>10.2.5 LIFTING</b>	20 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction leaflet
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>NUMBER OF OPENINGS (FLANGE PLATES)</b>	0
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>CHEMICAL RESISTANCE</b>	Resistant against: acids < 10 %, mineral oil, alcohol, salt solutions Not resistant to: alkalis, benzene Partly resistant to: Acids > 10 %
<b>COVER/DOOR MODEL</b>	Closed
<b>INTERNAL DEPTH</b>	200 mm
<b>MOUNTING DEPTH WITH MOUNTING PLATE</b>	200 mm
<b>SPECIAL FEATURES</b>	Smooth side plates, without knockouts Sealable cover with fixing straps for wall mounting
<b>COLOR</b>	Gray Light gray (RAL 7035, base) Transparent, smoky gray (cover)
<b>UNIT TYPE</b>	Stand-alone device
<b>BUILT-IN DEPTH</b>	200 mm
<b>FEATURES</b>	UV resistance beneath protective shield Cover with overpressure release
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	8 kV
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Is the panel builder's responsibility.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Protection class 2, therefore not applicable.

<b>COVER/DOOR COLOR</b>	Transparent
<b>SURFACE PROTECTION</b>	Other
<b>COVER/DOOR TYPE</b>	Transparent Optional None
<b>10.13 MECHANICAL FUNCTION</b>	Meets the product standard's requirements.
<b>10.2.6 MECHANICAL IMPACT</b>	IK10
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	IP65
<b>NOMINAL CURRENT</b>	1600 A
<b>FLAMMABILITY CHARACTERISTICS (UL)</b>	V1 (base) (UL94) V2 (cover) (UL94)
<b>SUITABLE FOR</b>	Outdoor use Lightning protection
<b>SURFACE FINISHING</b>	Resistant to corrosion
<b>NUMBER OF ROWS</b>	0
<b>PROTECTION CLASS</b>	II
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	15
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	57 W
<b>NUMBER OF CONDUIT INLETS</b>	0
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Lower part: 960 °C / cover: 850 °C
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Ui = 1000 V AC
<b>DEGREE OF PROTECTION</b>	IK10 Other IP65
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	31 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	27 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	62 W
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL</b>	53 W

<b>MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
<b>MATERIAL</b>	Non-reinforced polycarbonate (cover) Glass-fibre reinforced polycarbonate (base) Halogen free
<b>AMBIENT OPERATING TEMPERATURE DETAILS</b>	-40 °C - 80 °C
<b>HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	29 W
<b>SALINE SPRAY RESISTANCE</b>	IEC 60068-2-11
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>TYPE</b>	Basic enclosure Individual enclosures xEnergy Safe
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Not relevant to indoor installations.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>SURFACE TREATMENT</b>	Resistant to corrosion
<b>BASE TYPE</b>	Plain
<b>NUMBER OF MODULES</b>	1

Brochures

Certification reports

Drawings

Installation instructions

Installation videos

mCAD model



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