



XEFFECT CI  
002232

  
Overview

  
Specifications

  
Resources

How to



002232

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 002232

Product specifications



MODEL CODE CI43X-150-NA

EAN 4015080022329

PRODUCT LENGTH/DEPTH 175 mm

PRODUCT HEIGHT 250 mm

PRODUCT WIDTH 375 mm

PRODUCT WEIGHT 2.434 kg

COMPLIANCES  
UL 508A CSA-C22.2 No.94  
CE marking  
IEC/EN62208  
RoHS conform

<b>CERTIFICATIONS</b>	UL508A
	UL (Category Control Number NITW)
	UL listed
	Specially designed for North America
	UL (File No. E499317)
<b>PRODUCT SPECIFICATIONS</b>	
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility.
<b>CIRCUIT INTEGRITY</b>	Other
<b>PLATE THICKNESS (COVER/DOOR)</b>	6 mm
<b>CREEPAGE RESISTANCE</b>	KB160, KC175 (base, to IEC 60112) KB100, KC200 (cover, to IEC 60112)
<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>	10 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction leaflet
<b>SURFACE RESISTANCE (IEC 60093)</b>	10 TΩ
<b>DIELECTRIC STRENGTH</b>	30 kV/mm
<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>COVER/DOOR MODEL</b>	Closed
<b>INTERNAL DEPTH</b>	150 mm
<b>SPECIAL FEATURES</b>	Smooth side plates, without knockouts Sealable cover with fixing straps for wall mounting
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<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>	150 mm
	UV resistance beneath protective shield

<b>FEATURES</b>	UL 125 standard, UL94V-0 flame retardant, UL 950 standard 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>USED WITH</b>	Industrial control panels
<b>SURFACE PROTECTION</b>	Other
<b>COVER/DOOR TYPE</b>	Optional Transparent 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>SUITABLE FOR</b>	Lightning protection Outdoor use
<b>SURFACE FINISHING</b>	Resistant to corrosion RAL 7035, light gray (base)
<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>	42 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 IP65 (IEC) IP65 UL/CSA Types 1, 12, 13, 4X, indoor only 4X (NEMA)
<b>HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	22 W

<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	20 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	44 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 MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	40 W
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
<b>AMBIENT OPERATING TEMPERATURE DETAILS</b>	-40 °C - 80 °C
<b>MOUNTING DEPTH</b>	150 mm
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	21 W
<b>SALINE SPRAY RESISTANCE</b>	IEC 60068-2-11
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>TYPE</b>	Basic enclosure Individual enclosure for North Amer enclosures with covers xEnergy Safety Ci
<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>	RAL 7035, smooth sides
<b>NUMBER OF MODULES</b>	1

Brochures

Certification reports

Drawings

Installation instructions

Installation videos

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Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we’re accelerating the planet’s transition to renewable energy and helping to solve the world’s most urgent power management challenges.