



**XEFFECT CI**  
**002212**

  
Overview

  
Specifications

  
Resources

How to



002212

Eaton xEffect Ci Enclosures Switch- & Controlgear enclosure, smooth sides, HxWxD=250x187.5x175mm

Discover the xEffect Ci models



Designed to work together

Discover other Eaton products and accessories built to enhance this product.

**057621**

Eaton xEnergy Safety Ci LV systems LV switchgear. Cable clamp, for 2 cables D=14-54mm

**019709**

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting plate, steel, galvanized, D=3mm, for CI23 enclosure

**086052**

Eaton xEnergy Safety Ci LV systems LV switchgear. Flange, closed, HxWxD=116x187.5x23mm

**086081**

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting plate; plastic, for CI23 enclosure

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCTNAME	Eaton xEffect Ci Enclosures Switch- & Controlgear
		CATALOG NUMBER	002212
Product specifications	>	MODEL CODE	CI23X-150-NA
		EAN	4015080022121
		PRODUCTLENGTH/DEPTH	175 mm
		PRODUCTHEIGHT	250 mm
		PRODUCTWIDTH	187.5 mm
		PRODUCTWEIGHT	1.6 kg
		COMPLIANCES	IEC/EN62208 CE marking UL 508A CSA-C22.2 No.94 RoHS conform
		CERTIFICATIONS	Specially designed for North America UL (File No. E499317) UL (Category Control Number NITW) UL508A UL listed
PRODUCT SPECIFICATIONS			
10.11 SHORT-CIRCUIT RATING		Is the panel builder's responsibility.	
CIRCUIT INTEGRITY		Other	
PLATE THICKNESS (COVER/DOOR)		6 mm	
CREEPAGE RESISTANCE		KB100, KC200 (cover, to IEC 60112) KB160, KC175 (base, to IEC 60112)	
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		5 kg per enclosure with support frame and lifting aid secured as per the latest applicable instruction leaflet	
SURFACE RESISTANCE (IEC 60093)		10 TΩ	
DIELECTRIC STRENGTH		30 kV/mm	
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES		Meets the product standard's requirements.	
NUMBER OF OPENINGS (FLANGE PLATES)		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
<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>USED WITH</b>	Industrial control panels
<b>SURFACE PROTECTION</b>	Other
<b>COVER/DOOR TYPE</b>	Optional None Transparent
<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>	Outdoor use Lightning protection
<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>	9
<b>HEATING: AMBIENT T<sub>25°C</sub> DELTA T<sub>25°C</sub> WALL</b>	

HEAT DISS. AMBIENT 35 °C DELTA T: 35 °C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	24 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 (IEC) UL/CSA Types 1, 12, 13, 4X, indoor only IP65 IK10 4X (NEMA)
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	13 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	11 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	26 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)	22 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
AMBIENT OPERATING TEMPERATURE DETAILS	-40 °C - 80 °C
MOUNTING DEPTH	150 mm
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	12 W
SALINE SPRAY RESISTANCE	IEC 60068-2-11
ENCLOSURE MATERIAL	Plastic
TYPE	Basic enclosure Individual enclosure for North America enclosures with covers 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	RAL 7035, smooth sides
NUMBER OF MODULES	1

Brochures

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Certification reports

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Drawings

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Installation instructions

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Installation videos

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mCAD model

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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.

