

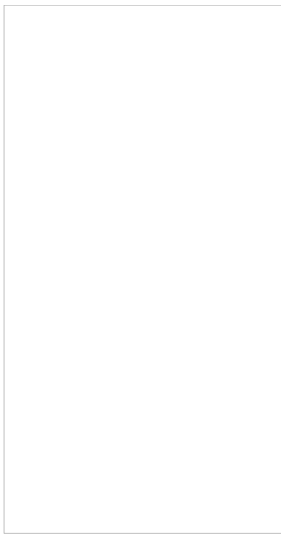
**XENERGY SAFETY CI**  
**098208**

  
Overview

  
Specifications

  
Resources

How to



# 098208

Eaton xEnergy Safety Ci LV systems LV switchgear top+bottom open, HxWxD=250x187.5x150mm

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## 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 enclosure

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## GENERAL SPECIFICATIONS

General specifications	>	<b>PRODUCT NAME</b>	Eaton xEnergy Safety Ci empty enclosure insulated
		<b>CATALOG NUMBER</b>	098208
Product specifications	>	<b>MODEL CODE</b>	CI23-125
		<b>EAN</b>	4015080982081
		<b>PRODUCT LENGTH/DEPTH</b>	150 mm
		<b>PRODUCT HEIGHT</b>	250 mm
		<b>PRODUCT WIDTH</b>	187.5 mm
		<b>PRODUCT WEIGHT</b>	1.17 kg
		<b>COMPLIANCES</b>	RoHS conform
		<b>CERTIFICATIONS</b>	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: 85 °C (enclosure bolt) Temperature resistant: -40 °C - 120 °C (enclosure) Temperature resistant: 80 °C (gasket)
<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>	6 mm
<b>MOUNTING METHOD</b>	Surface mounted (plaster)
<b>10.2.5 LIFTING</b>	5 kg per enclosure with support frame and lifting aid 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>	4
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>CHEMICAL RESISTANCE</b>	Partly resistant to: Acids > 10 % Not resistant to: alkalis, benzene Resistant against: acids < 10 %, mineral oil, alcohol salt solutions
<b>COVER/DOOR MODEL</b>	Closed

<b>INTERNAL DEPTH</b>	125 mm
<b>MOUNTING DEPTH WITH MOUNTING PLATE</b>	125 mm
<b>SPECIAL FEATURES</b>	Housing prepared for distribution board Two sides closed out two sides open Sealable cover fasteners Integrated mechanism for short-circuits
<b>COLOR</b>	Gray
<b>UNIT TYPE</b>	Single unit
<b>BUILT-IN DEPTH</b>	125 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>	V2 (cover) (UL94) V1 (base) (UL94)
<b>SUITABLE FOR</b>	Lightning protection Outdoor use
<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>	9
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	22 W
<b>NUMBER OF CONDUIT INLETS</b>	30
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF</b>	Meets the product standard's requirements.

<b>INSULATING MATERIALS TO NORMAL HEAT</b>	
<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>	U <sub>i</sub> = 1000 V AC
<b>DEGREE OF PROTECTION</b>	Other IK10 IP65
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	12 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	10 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	24 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>	20 W
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
<b>MATERIAL</b>	Non-reinforced polycarbonate (cover) Glass-fibre reinforced polycarbonate (base) Halogen free
<b>FUNCTIONS</b>	Extension possible
<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>	11 W
<b>SALINE SPRAY RESISTANCE</b>	IEC 60068-2-11
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>TYPE</b>	Basic enclosure Panel enclosures 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>NUMBER OF MODULES</b>	1

Catalogs

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Drawings

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Installation instructions

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mCAD model

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098208



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