



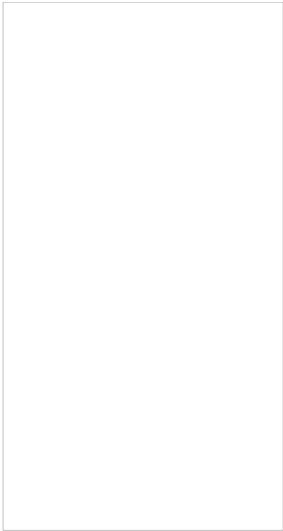
XENERGY SAFETY CI  
021944

  
Overview

  
Specifications

  
Resources

How to



021944

Eaton xEnergy Safety Ci LV systems LV switchgear  
top+bottom open, HxWxD=375x375x225mm

Access the Online Catalog

GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME	Eaton xEnergy Safety Ci empty enclosure insulated
CATALOG NUMBER	021944
MODEL CODE	CI44-200
EAN	4015080219446
PRODUCT LENGTH/DEPTH	225 mm
PRODUCT HEIGHT	375 mm
PRODUCT WIDTH	375 mm
PRODUCT WEIGHT	3.128 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN 61439-2 EN 62208

Product specifications



PRODUCT SPECIFICATIONS

10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility.
CIRCUIT INTEGRITY	Other
TEMPERATURE RESISTANCE	Temperature resistant: 80 °C (gasket) Temperature resistant: -40 °C - 120 °C (enclosure) Temperature resistant: 85 °C (enclosure bolt)
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)	6 mm
MOUNTING METHOD	Surface mounted (plaster)
10.2.5 LIFTING	20 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)	4
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
CHEMICAL RESISTANCE	Partly resistant to: Acids > 10 % Resistant against: acids < 10 %, mineral oil, alcohol salt solutions Not resistant to: alkalis, benzene
COVER/DOOR MODEL	Closed
INTERNAL DEPTH	200 mm
MOUNTING DEPTH WITH MOUNTING PLATE	200 mm
SPECIAL FEATURES	Housing prepared for distribution board Two sides closed or out two sides open Sealable cover fasteners Integrated mechanism for short-circuits
COLOR	Gray
UNIT TYPE	Single unit
BUILT-IN DEPTH	200 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	7035

<b>COVER/DOOR COLOR</b>	Transparent
<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>FLAMMABILITY CHARACTERISTICS (UL)</b>	V1 (base) (UL94) V2 (cover) (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>	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>	100
<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>	Other IK10 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 MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	53 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>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>	29 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

## Brochures

## Catalogs

## Drawings

## Installation instructions

## mCAD model

021944



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