



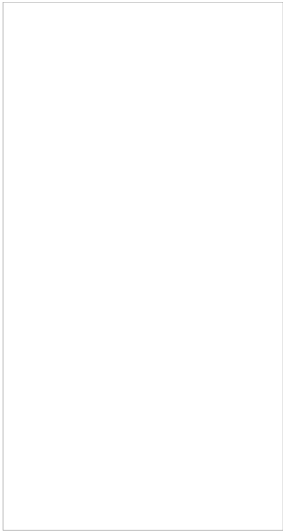
XENERGY SAFETY CI  
069642

  
Overview

  
Specifications

  
Resources

How to



069642

Eaton xEnergy Safety Ci LV systems LV switchgear  
HxWxD=375x375x120mm

Access the Online Catalog



GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME	Eaton xEnergy Safety Ci empty enclosure base
CATALOG NUMBER	069642
MODEL CODE	U-CI44E
EAN	4015080696421
PRODUCT LENGTH/DEPTH	150 mm
PRODUCT HEIGHT	375 mm
PRODUCT WIDTH	375 mm
PRODUCT WEIGHT	3.757 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN 61439-2 EN 62208

Product specifications



## PRODUCT SPECIFICATIONS

<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>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>	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>	4
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>CABLE ENTRY TYPE</b>	10 x M20 6 x M25/16 2 x M20 8 x M25/16 Transverse Top and bottom 2 x M16 1 x M63/40 2 x M40/25 1 x M50/32
<b>COVER/DOOR MODEL</b>	Closed
<b>INTERNAL DEPTH</b>	100 mm
<b>SPECIAL FEATURES</b>	Flanges □#024355 Distance frame for CI45... □#111111 entry knockouts in all sides Full-area knockouts in top and bottom
<b>COLOR</b>	Gray
<b>UNIT TYPE</b>	Modular system
<b>BUILT-IN DEPTH</b>	250 mm
<b>FEATURES</b>	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>SURFACE PROTECTION</b>	Other

<b>COVER/DOOR TYPE</b>	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, with cover
<b>NOMINAL CURRENT</b>	1600 A
<b>ACCESSORY/SPARE PART TYPE</b>	Individual enclosure bottoms
<b>SUITABLE FOR</b>	Outdoor use Lightning protection
<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>	45 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>	960 °C
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Ui = 1000 V AC
<b>DEGREE OF PROTECTION</b>	IK10 IP65 Other
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	23 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	21 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	47 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>	42 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>FUNCTIONS</b>	Extension possible
<b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	22 W

ENCLOSURE MATERIAL	Plastic
TYPE	Basic enclosure Enclosure bases 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.
BASE TYPE	Full-area knockouts
NUMBER OF MODULES	1

Brochures

Catalogs

Drawings

Installation instructions

mCAD model

069642



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