

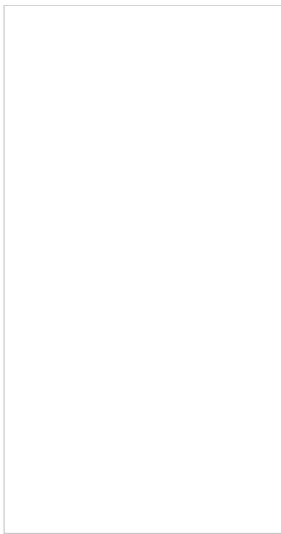
XENERGY SAFETY CI  
036182

  
Overview

  
Specifications

  
Resources

How to



036182

Eaton xEnergy Safety Ci LV systems LV switchgear  
+knockouts, HxWxD=375x375x225mm

[Access the Online Catalog](#)

### GENERAL SPECIFICATIONS

General specifications >

**PRODUCT NAME** Eaton xEnergy Safety Ci empty enclosure insulated

**CATALOG NUMBER** 036182

Product specifications >

**MODEL CODE** CI44E-200

**EAN** 4015080361824

**PRODUCT LENGTH/DEPTH** 225 mm

**PRODUCT HEIGHT** 375 mm

**PRODUCT WIDTH** 375 mm

**PRODUCT WEIGHT** 3.36 kg

**COMPLIANCES** RoHS conform

**CERTIFICATIONS** EN 62208  
EN 61439-2

## 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)<br>Temperature resistant: 80 °C (gasket)<br>Temperature resistant: -40 °C - 120 °C (enclosure)  |
| <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<br>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>CHEMICAL RESISTANCE</b>                                      | Not resistant to: alkalis, benzene<br>Partly resistant to: Acids > 10 %<br>Resistant against: acids < 10 %, mineral oil, alcohol<br>salt solutions  |
| <b>COVER/DOOR MODEL</b>   | Closed  |
| <b>INTERNAL DEPTH</b>   | 200 mm  |
| <b>MOUNTING DEPTH WITH MOUNTING PLATE</b>                       | 200 mm  |
| <b>SPECIAL FEATURES</b>   | With metric knockouts in all sides of the enclosure<br>for wall mounting Sealable cover fasteners Full-area<br>sides can be converted to a distribution board enclosure<br>pressure-relief mechanism for short-circuits |
| <b>COLOR</b>  | Light gray (RAL 7035, base)<br>Gray<br>Transparent, smoky gray (cover)  |
| <b>UNIT TYPE</b>  | Single unit   |
| <b>BUILT-IN DEPTH</b>   | 200 mm  |
| <b>FEATURES</b>   | UV resistance beneath protective shield<br>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>  | Eaton Switching and protection devices        |
| <b>SURFACE PROTECTION</b>   | Other   |
| <b>COVER/DOOR TYPE</b>  | None<br>Optional                              |
| <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)<br>V2 (cover) (UL94)         |
| <b>SUITABLE FOR</b>   | Outdoor use<br>Lightning protection           |
| <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>   | U <sub>i</sub> = 1000 V AC                    |
| <b>DEGREE OF PROTECTION</b>   | IK10<br>Other<br>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</b>  | Is the panel builder's responsibility.        |

|  |  |
|--|--|
| <b>CONNECTIONS</b>   |  |
| <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)<br>Glass-fibre reinforced polycarbonate (base)<br>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 Individual enclosures xEnergy Safe   |
| <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

---



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.