



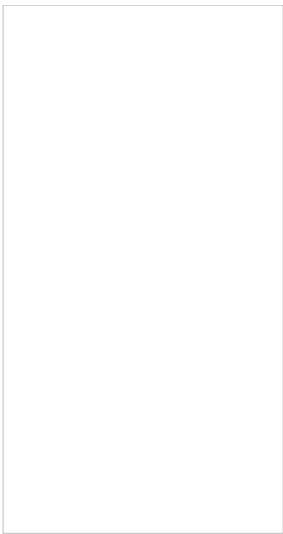
XENERGY SAFETY CI  
014830

  
Overview

  
Specifications

  
Resources

How to



014830

Eaton xEnergy Safety Ci LV systems LV switchgear enclosure cover, gray, HxWxD=250x187.5x25mm

Access the Online Catalog

GENERAL SPECIFICATIONS

General specifications



|                      |                                               |
|----------------------|-----------------------------------------------|
| PRODUCT NAME         | Eaton xEnergy Safety Ci empty enclosure cover |
| CATALOG NUMBER       | 014830                                        |
| MODEL CODE           | D125-CI23                                     |
| EAN                  | 4015080148302                                 |
| PRODUCT LENGTH/DEPTH | 65 mm                                         |
| PRODUCT HEIGHT       | 250 mm                                        |
| PRODUCT WIDTH        | 188 mm                                        |
| PRODUCT WEIGHT       | 0.336 kg                                      |
| COMPLIANCES          | RoHS conform                                  |

Product specifications



## PRODUCT SPECIFICATIONS

|                                                                                         |                                                                                                                |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility.                                                                         |
| <b>ACCESSORY/SPARE PART TYPE</b>                                                        | Enclosure cover without apertures                                                                              |
| <b>RAL-NUMBER</b>                                                                       | 0                                                                                                              |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Is the panel builder's responsibility.                                                                         |
| <b>SUITABLE FOR ENCLOSURE BUILDING LENGTH/DEPTH</b>                                     | 0 mm                                                                                                           |
| <b>SUITABLE FOR</b>                                                                     | Outdoor set-up                                                                                                 |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility.                                                                         |
| <b>SURFACE FINISHING</b>                                                                | Untreated                                                                                                      |
| <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>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>  | 12 W                                                                                                           |
| <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> | 850 °C; meets the product standard's requirements.                                                             |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                                         | Is the panel builder's responsibility.                                                                         |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                                         | U <sub>i</sub> = 1000 V AC                                                                                     |
| <b>SPECIAL FEATURES</b>                                                                 | Sealable cover fasteners                                                                                       |
| <b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>  | 6 W                                                                                                            |
| <b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>    | 6 W                                                                                                            |
| <b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>  | 13 W                                                                                                           |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>                                | Is the panel builder's responsibility.                                                                         |
| <b>COLOR</b>                                                                            | Transparent, smoky gray<br>Other                                                                               |
| <b>UNIT TYPE</b>                                                                        | Modular system                                                                                                 |
| <b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>    | 12 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>                                                                         | Plastic                                                                                                        |

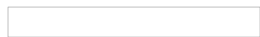
|                                                                                        |                                                                                                                             |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>MATERIAL</b>                                                                        | PLASTIC                                                                                                                     |
| <b>FUNCTIONS</b>                                                                       | Basic enclosure                                                                                                             |
| <b>MOUNTING DEPTH</b>                                                                  | 125 mm                                                                                                                      |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                                                | 8 kV                                                                                                                        |
| <b>HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b> | 6 W                                                                                                                         |
| <b>TYPE</b>                                                                            | <ul style="list-style-type: none"> <li>• Basic enclosure</li> <li>• Enclosure cover</li> <li>• xEnergy Safety Ci</li> </ul> |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                     | Meets the product standard's requirements.                                                                                  |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>                          | Is the panel builder's responsibility.                                                                                      |
| <b>SUITABLE FOR ENCLOSURE BUILDING WIDTH</b>                                           | 0 mm                                                                                                                        |
| <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>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                                          | Protection class 2, therefore not applicable.                                                                               |
| <b>USED WITH</b>                                                                       | U-CI23...<br>xEnergy Safety Ci<br>Basic enclosure<br>Enclosure cover                                                        |
| <b>COVER/DOOR TYPE</b>                                                                 | 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, with base unit                                                                                                        |

Brochures

Catalogs

Drawings

mCAD model



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