

XENERGY SAFETY CI
001893



Overview

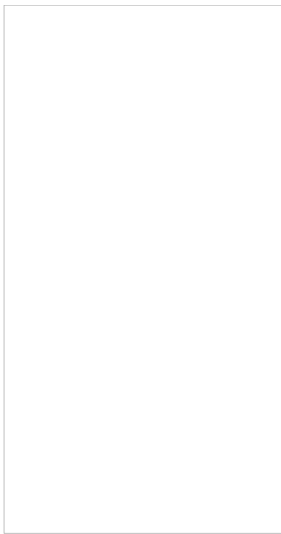


Specifications



Resources

How to



001893

Eaton xEnergy Safety Ci LV systems LV switchgear
HxWxD=500x375x120mm

[Access the Online Catalog](#)

GENERAL SPECIFICATIONS

General specifications >

PRODUCT NAME Eaton xEnergy Safety Ci empty enclosure base

CATALOG NUMBER 001893

Product specifications >

MODEL CODE U-CI45E

EAN 4015080018933

PRODUCT LENGTH/DEPTH 120 mm

PRODUCT HEIGHT 500 mm

PRODUCT WIDTH 375 mm

PRODUCT WEIGHT 4.999 kg

COMPLIANCES RoHS conform

CERTIFICATIONS EN 61439-2
EN 62208

PRODUCT SPECIFICATIONS

| | |
|---|--|
| 10.11 SHORT-CIRCUIT RATING | Is the panel builder's responsibility. |
| CIRCUIT INTEGRITY | Other |
| 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 | 30 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) | 6 |
| 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS | Is the panel builder's responsibility. |
| CABLE ENTRY TYPE | 2 x M20 Top and bottom Transverse 6 x M25/16 8 x M25/16 2 x M40/25 On each 2: 1 x M50/32 |
| COVER/DOOR MODEL | Closed |
| INTERNAL DEPTH | 100 mm |
| SPECIAL FEATURES | Flanges □#024355 Distance frame for CI45... □#111111 entry knockouts in all sides Full-area knockouts in top and bottom |
| COLOR | Gray |
| UNIT TYPE | Modular system |
| BUILT-IN DEPTH | 200 mm |
| FEATURES | 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. |
| SURFACE PROTECTION | Other |
| COVER/DOOR TYPE | Optional None |

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| 10.13 MECHANICAL FUNCTION | Meets the product standard's requirements. |
| 10.2.6 MECHANICAL IMPACT | IK10 |
| 10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL | Meets the product standard's requirements. |
| 10.3 DEGREE OF PROTECTION OF ASSEMBLIES | IP65, with cover |
| NOMINAL CURRENT | 1600 A |
| ACCESSORY/SPARE PART TYPE | Individual enclosure bottoms |
| SUITABLE FOR | Lightning protection Outdoor use |
| NUMBER OF ROWS | 0 |
| PROTECTION CLASS | II |
| WIDTH IN NUMBER OF MODULAR SPACINGS | 17 |
| HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890) | 51 W |
| NUMBER OF CONDUIT INLETS | 104 |
| 10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT | Meets the product standard's requirements. |
| 10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS | 960 °C |
| 10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH | U _i = 1000 V AC |
| DEGREE OF PROTECTION | IP65 Other IK10 |
| HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890) | 27 W |
| HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890) | 24 W |
| HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890) | 53 W |
| 10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS | Is the panel builder's responsibility. |
| HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890) | 48 W |
| 10.10 TEMPERATURE RISE | The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device |
| FUNCTIONS | Extension possible |
| HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890) | 25 W |
| ENCLOSURE MATERIAL | Plastic |

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| 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

001893



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