Specifications



Eaton 069642

Eaton xEnergy Safety Ci LV systems LV switchgear. Base, individual enclosure, HxWxD=375x375x120mm

General Specifications	
PRODUCT NAME	Eaton xEnergy Safety Ci empty enclosure base
CATALOG NUMBER	069642
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
EAN	4015080696421
MODEL CODE	U-CI44E

Product specifications

SPECIAL FEATURES	• Metric cable entry knockouts in all sides • Full-area knockouts in the sides
TYPE	Basic enclosure
FEATURES	Cover with overpressure release
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility.
10.13 MECHANICAL FUNCTION	Meets the product standard's requirements.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.5 LIFTING	20 kg per enclosure with support frame and lifting aid met; assembled and secured as per the latest applicable instruction leaflet.
10.2.6 MECHANICAL IMPACT	IK10
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP65, with cover
10.4 CLEARANCES AND CREEPAGE DISTANCES	Is the panel builder's responsibility.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
10.7 INTERNAL	Is the panel builder's

Resources

BROCHURES	eaton-xenergy-safety-ci-subway-line-success-story-en-us.pdf eaton-xenergy-safety-ci-enclosure-brochure-br014001en-en-us.pdf
CATALOGUES	eaton-xenergy-ci-safety-catalog-ca015006en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-empty-enclosure-declaration-of-conformity-eu250306en.pdf
DRAWINGS	eaton-enclosures-enclosure-xenergy-safety-ci-base-dimensions-003.eps eaton-enclosures-base-xenergy-safety-ci-3d-drawing-002.eps
INSTALLATION INSTRUCTIONS	05670392.pdf
MCAD MODEL	u_ci44e.stp

ELECTRICAL CIRCUITS AND CONNECTIONS	responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 1000 V AC
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.
ACCESSORY/SPARE PART TYPE	Individual enclosure bottoms
DEGREE OF PROTECTION	IK10 IP65 Other
ENCLOSURE MATERIAL	Plastic
SURFACE PROTECTION	Other
CIRCUIT INTEGRITY	Other
BASE TYPE	Full-area knockouts
UNIT TYPE	Modular system
BUILT-IN DEPTH	250 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	23 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	21 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	22 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	47 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	42 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	45 W
COLOR	Gray
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Optional None
NUMBER OF OPENINGS (FLANGE PLATES)	4
PLATE THICKNESS (CABINET)	6 mm
PLATE THICKNESS (COVER/DOOR)	6 mm

RAL-NUMBER	7035
WIDTH IN NUMBER OF MODULAR SPACINGS	15
CABLE ENTRY TYPE	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
MOUNTING METHOD	Surface mounted (plaster)
NUMBER OF ROWS	0
FUNCTIONS	Extension possible
PROTECTION CLASS	II
NUMBER OF MODULES	1
INTERNAL DEPTH	100 mm
NOMINAL CURRENT	1600 A
NUMBER OF CONDUIT INLETS	100
SUITABLE FOR	Outdoor use Lightning protection
ENCLOSURE MATERIAL QUALITY	Other
TYPE OF COATING	Other

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.