

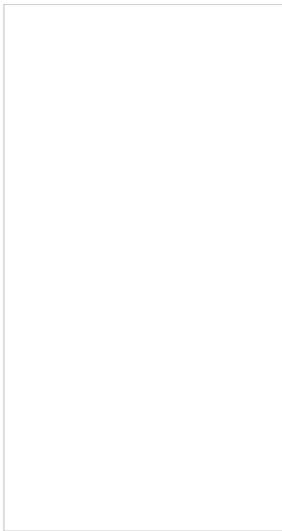
XENERGY SAFETY CI
061937


Overview


Specifications


Resources

How to



061937

Eaton xEnergy Safety Ci LV systems LV switchgear
3x15space units, HxWxD=375x375x150mm

[Access the Online Catalog](#)

Designed to work together

Discover other Eaton products and accessories built to enhance this product.

032151

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, vertical, L=2000mm

036897

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, vertical, L=2250mm

058254

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, horizontal, L=1025mm

051135

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, horizontal, L=650mm

[View more](#)

[View less](#)

GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton xEnergy Safety Ci MCB enclosure
		CATALOG NUMBER	061937
Product specifications	>	MODEL CODE	AE/144E/T
		EAN	4015080619376
		PRODUCT LENGTH/DEPTH	150 mm
		PRODUCT HEIGHT	375 mm
		PRODUCT WIDTH	375 mm
		PRODUCT WEIGHT	3.88 kg
		COMPLIANCES	RoHS conform
		CERTIFICATIONS	EN 61439-2 EN 62208

PRODUCT SPECIFICATIONS

10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility.
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.
MOUNTING METHOD	DIN-rail Surface mounted (plaster)
10.2.5 LIFTING	20 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.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
COVER/DOOR MODEL	Closed
SPECIAL FEATURES	Metric cable entry knockouts in all sides Housings for MCB, RCD, RCBO, AFDD Transparent devices MCB, RCD, RCBO, AFDD Transparent devices fitted Metal mounting rail for snapping on Blanking strip for unused mounting locations Protective inscription label PE/N combi-plug-in terminals Fixed fixing Sealable cover fasteners
BUILT-IN WIDTH	0 mm
COLOR	Gray
UNIT TYPE	Stand-alone device
BUILT-IN DEPTH	100 mm
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV

10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
BUILT-IN HEIGHT	0 mm
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
COVER/DOOR COLOR	Transparent
COVER/DOOR TYPE	Door Transparent Single
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
INTERNAL DEPTH	150 mm
ACCESSORY/SPARE PART TYPE	MCB individual enclosures
CLOSURE TYPE	Other
NUMBER OF ROWS	3
NUMBER OF MODULE SPACE UNITS (TOTAL)	45
WIDTH IN NUMBER OF MODULAR SPACINGS	15
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	48 W
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	Lower part: 960 °C / cover: 850 °C; meets the product requirements.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	U _i = 1000 V AC
DEGREE OF PROTECTION	IP65
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	25 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	23 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	51 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)	45 W

10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature. Eaton will provide heat dissipation data for the device.
FUNCTIONS	Prepared enclosure
HEAT DISSIP. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	24 W
ENCLOSURE MATERIAL	Plastic
TYPE	MCB individual enclosures Prepared enclosure xEnc
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.
NUMBER AND CAPACITY OF TERMINAL (PE AND N)	On each 3 x (2.5 - 25 mm ²) On each 21 x (0.5 - 4 mm ²)

Brochures

Catalogs

Drawings

Installation instructions

mCAD model

061937



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.

