



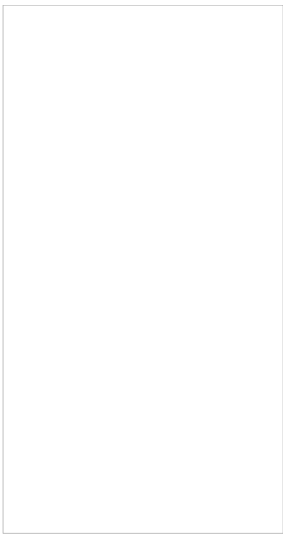
XENERGY SAFETY CI
061937


Overview


Specifications


Resources

How to



061937

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

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Designed to work together

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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

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton xEnergy Safety Ci MCB enclosure
		CATALOG NUMBER	061937
Product specifications	>	MODEL CODE	AE/I44E/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 with 100 mm cable entry knockouts for 16 mm devices MCB, RCD, RCBO, AFDD Transparent door for easy access to devices fitted Metal mounting rail for snapping on Blanking strip for unused mounting locations Protection of terminals by blanking plate with inscription label PE/N combi-plug-in terminals Fixing screws for terminal block 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	Ui = 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 DISS. 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



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