



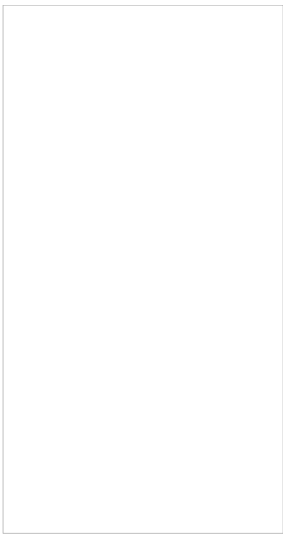
XENERGY SAFETY CI
012781


Overview


Specifications


Resources

How to



012781

Eaton xEnergy Safety Ci LV systems LV switchgear
top+bottom open, HxWxD=250x187.5x175mm

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057621

Eaton xEnergy Safety Ci LV systems LV switchgear. Cable clamp, for 2 cables D=14-54mm

019709

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting plate, steel, galvanized, D=3mm, for CI23 enclosure

086052

Eaton xEnergy Safety Ci LV systems LV switchgear. Flange, closed, HxWxD=116x187.5x23mm

086081

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting plate; plastic, for CI23 enclosure

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton xEnergy Safety Ci empty enclosure insulated
		CATALOG NUMBER	012781
Product specifications	>	MODEL CODE	CI23-150
		EAN	4015080127819
		PRODUCT LENGTH/DEPTH	175 mm
		PRODUCT HEIGHT	250 mm
		PRODUCT WIDTH	187.5 mm
		PRODUCT WEIGHT	1.28 kg
		COMPLIANCES	RoHS conform
		CERTIFICATIONS	EN 62208 EN 61439-2
PRODUCT SPECIFICATIONS			
10.11 SHORT-CIRCUIT RATING		Is the panel builder's responsibility.	
CIRCUIT INTEGRITY		Other	
TEMPERATURE RESISTANCE		Temperature resistant: -40 °C - 120 °C (enclosure) Temperature resistant: 80 °C (gasket) Temperature resistant: 85 °C (enclosure bolt)	
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		5 kg per enclosure with support frame and lifting aid 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)		4	
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS		Is the panel builder's responsibility.	
CHEMICAL RESISTANCE		Not resistant to: alkalis, benzene Resistant against: acids < 10 %, mineral oil, alcohol salt solutions Partly resistant to: Acids > 10 %	
COVER/DOOR MODEL		Closed	

INTERNAL DEPTH	150 mm
MOUNTING DEPTH WITH MOUNTING PLATE	150 mm
SPECIAL FEATURES	Housing prepared for distribution board Two sides closed out two sides open Sealable cover fasteners Integrated mechanism for short-circuits
COLOR	Gray
UNIT TYPE	Single unit
BUILT-IN DEPTH	150 mm
FEATURES	UV resistance beneath protective shield 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.
COVER/DOOR COLOR	Transparent
SURFACE PROTECTION	Other
COVER/DOOR TYPE	Optional Transparent None
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
NOMINAL CURRENT	1600 A
FLAMMABILITY CHARACTERISTICS (UL)	V1 (base) (UL94) V2 (cover) (UL94)
SUITABLE FOR	Lightning protection Outdoor use
SURFACE FINISHING	Resistant to corrosion
NUMBER OF ROWS	0
PROTECTION CLASS	II
WIDTH IN NUMBER OF MODULAR SPACINGS	9
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	24 W
NUMBER OF CONDUIT INLETS	30
10.2.3.2 VERIFICATION OF RESISTANCE OF	Meets the product standard's requirements.

INSULATING MATERIALS TO NORMAL HEAT	
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Lower part: 960 °C / cover: 850 °C
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 1000 V AC
DEGREE OF PROTECTION	IK10 Other IP65
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	13 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	11 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	26 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)	22 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
MATERIAL	Halogen free Non-reinforced polycarbonate (cover) Glass-fibre reinforced polycarbonate (base)
FUNCTIONS	Extension possible
AMBIENT OPERATING TEMPERATURE DETAILS	-40 °C - 80 °C
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	12 W
SALINE SPRAY RESISTANCE	IEC 60068-2-11
ENCLOSURE MATERIAL	Plastic
TYPE	Basic enclosure Panel enclosures xEnergy Safety Circuit breaker
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.
SURFACE TREATMENT	Resistant to corrosion
NUMBER OF MODULES	1

Catalogs

Drawings

Installation instructions

mCAD model

012781



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