

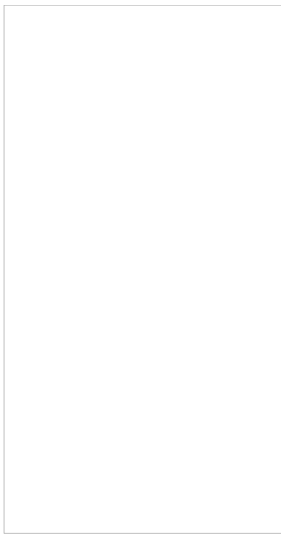
XENERGY SAFETY CI
021943


Overview


Specifications


Resources

How to



021943

Eaton xEnergy Safety Ci LV systems LV switchgear
+knockouts, HxWxD=250x187.5x150mm

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Designed to work together

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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

038793

Eaton xEnergy Safety Ci LV systems LV switchgear. Base, individual enclosure, HxWxD=250x187.5x120mm

086052

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

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GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton xEnergy Safety Ci empty enclosure insulated
		CATALOG NUMBER	021943
Product specifications	>	MODEL CODE	CI23E-150
		EAN	4015080219439
		PRODUCT LENGTH/DEPTH	175 mm
		PRODUCT HEIGHT	250 mm
		PRODUCT WIDTH	187.5 mm
		PRODUCT WEIGHT	1.444 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
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	Resistant against: acids < 10 %, mineral oil, alcohol salt solutions Not resistant to: alkalis, benzene Partly resistant to: Acids > 10 %
COVER/DOOR MODEL	Closed

INTERNAL DEPTH	150 mm
MOUNTING DEPTH WITH MOUNTING PLATE	150 mm
SPECIAL FEATURES	With metric knockouts in all sides of the enclosure for wall mounting Sealable cover fasteners Full-area sides can be converted to a distribution board enclosure pressure-relief mechanism for short-circuits
COLOR	Light gray (RAL 7035, base) Gray Transparent, smoky gray (cover)
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
USED WITH	Eaton Switching and protection devices
SURFACE PROTECTION	Other
COVER/DOOR TYPE	None Optional
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	Outdoor use Lightning protection
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 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
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	U _i = 1000 V AC
DEGREE OF PROTECTION	IK10 IP65 Other
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	Non-reinforced polycarbonate (cover) Glass-fibre reinforced polycarbonate (base) Halogen free
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 Individual enclosures xEnergy Safe
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

Brochures

Catalogs

Drawings

Installation instructions

mCAD model

021943



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