

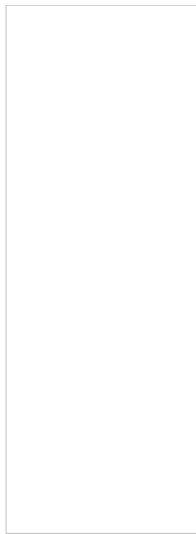
XEFFECT CI
015154


Overview


Specifications


Resources

How to



015154

Eaton xEffect Ci Enclosures Switch- & Controlgear enclosure, smooth sides, HxWxD=250x187.5x175mm

[Discover the xEffect Ci models](#)

Designed to work together

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

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 enclosure

[View more](#)

[View less](#)

GENERAL SPECIFICATIONS

General specifications	>	PRODUCT NAME	Eaton xEffect Ci Enclosures Switch- & Controlgear
		CATALOG NUMBER	015154
Product specifications	>	MODEL CODE	CI23X-150
		EAN	4015080151548
		PRODUCT LENGTH/DEPTH	175 mm
		PRODUCT HEIGHT	250 mm
		PRODUCT WIDTH	187.5 mm
		PRODUCT WEIGHT	1.728 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: 80 °C (gasket) Temperature resistant: -40 °C - 120 °C (enclosure) 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)	9 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)	0
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	Smooth side plates, without knockouts Sealable cover with fixing straps for wall mounting
COLOR	Light gray (RAL 7035, base) Gray Transparent, smoky gray (cover)
UNIT TYPE	Stand-alone device
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	None Optional Transparent
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)	V2 (cover) (UL94) V1 (base) (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	0
10.2.3 VENTILATION RESISTANCE OF	

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	Ui = 1000 V AC
DEGREE OF PROTECTION	IP65 IK10 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 devi
MATERIAL	Glass-fibre reinforced polycarbonate (base) Halogen free Non-reinforced polycarbonate (cover)
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
BASE TYPE	Plain
NUMBER OF MODULES	1

Certification reports

Drawings

Installation instructions

Installation videos

mCAD model

015154



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.