



XEFFECT CI
098469


Overview


Specifications


Resources

How to



098469

Eaton xEffect Ci Enclosures Switch- & Controlgear enclosure, smooth sides, HxWxD=500x375x225mm

Discover the xEffect Ci models



Photo is representative

Designed to work together

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

029201

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting plate, steel, galvanized, D=3mm, for CI43 enclosure

062367

Eaton xEnergy Safety Ci LV systems LV switchgear. Cable clamp, for 3 cables D=14-68mm

003036

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting plate, steel, galvanized, D=3mm, for CI45 enclosure

057621

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

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General specifications

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PRODUCT NAME	Eaton xEffect Ci Enclosures Switch- & Controlgear
CATALOG NUMBER	098469
MODEL CODE	CI45X-200
EAN	4015080984696
PRODUCT LENGTH/DEPTH	225 mm
PRODUCT HEIGHT	500 mm
PRODUCT WIDTH	375 mm
PRODUCT WEIGHT	4.792 kg
COMPLIANCES	RoHS conform

Product specifications

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CERTIFICATIONS	EN 62208 EN 61439-2
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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)	9 mm
MOUNTING METHOD	Surface mounted (plaster)
10.2.5 LIFTING	30 kg per enclosure with support frame and lifting aid and secured as per the latest applicable instruction le
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 Partly resistant to: Acids > 10 % Not resistant to: alkalis, benzene

COVER/DOOR MODEL

2/5

Closed

COVER/DOOR MODEL	C1000
INTERNAL DEPTH	200 mm
MOUNTING DEPTH WITH MOUNTING PLATE	200 mm
SPECIAL FEATURES	Smooth side plates, without knockouts Include fixing mounting Sealable cover fasteners Side walls 6.5 mm pressure-relief mechanism for short-circuits
COLOR	Light gray (RAL 7035, base) Transparent, smoky gray (cover) Gray
UNIT TYPE	Stand-alone device
BUILT-IN DEPTH	200 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 None 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)	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	17
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	67 W
NUMBER OF COMPONENTS	~

NUMBER OF CONDUIT INLETS	0
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	IK10 Other IP65
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	36 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	31 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	72 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)	62 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
MATERIAL	Glass-fibre reinforced polycarbonate (base) Non-reinforced polycarbonate (cover) Halogen free
AMBIENT OPERATING TEMPERATURE DETAILS	-40 °C - 80 °C
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	33 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

Brochures

Certification reports

Drawings

Installation instructions

Installation videos

mCAD model

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