

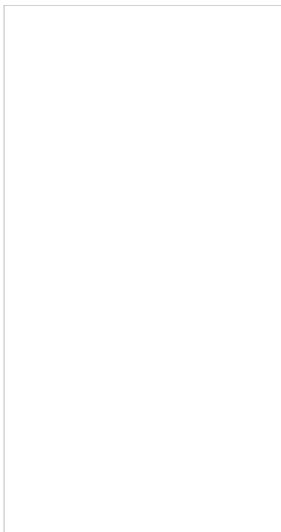
XENERGY SAFETY CI
084012


Overview


Specifications


Resources

How to



084012

Eaton xEnergy Safety Ci LV systems LV switchgear gland plate and cable glands, HxWxD=250x375x175

[Access the Online Catalog](#)

GENERAL SPECIFICATIONS

General specifications >

PRODUCT NAME Eaton xEnergy Safety Ci empty enclosure insulated

CATALOG NUMBER 084012

Product specifications >

MODEL CODE KST43-150

EAN 4015080840121

PRODUCT LENGTH/DEPTH 384 mm

PRODUCT HEIGHT 190 mm

PRODUCT WIDTH 262 mm

PRODUCT WEIGHT 2.546 kg

COMPLIANCES IEC/EN 60439-1, VDE 0660 Part 500
RoHS conform

CERTIFICATIONS EN 62208

PRODUCT SPECIFICATIONS

10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility.
CIRCUIT INTEGRITY	Other
PLATE THICKNESS (COVER/DOOR)	6 mm
RAL-NUMBER	7035
CREEPAGE AND CLEARANCE DISTANCES	III/3 to IEC/EN 60439-1 (standard)
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	10 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.
NUMBER OF OPENINGS (FLANGE PLATES)	4
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
CABLE ENTRY TYPE	14 - 68 mm (3x)
COVER/DOOR MODEL	Closed
INTERNAL DEPTH	150 mm
MOUNTING DEPTH WITH MOUNTING PLATE	150 mm
SPECIAL FEATURES	Low-voltage fuses (IEC/EN 60269, VDE 0636) Seal Sides closed, but with full area knockout Open top supports in the distribution board with wedge-lock can be split, cables can be inserted from the front
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
COLOR	Gray Transparent, smoky gray (cover) Light gray (RAL 7035, base)
UNIT TYPE	Stand-alone device
BUILT-IN DEPTH	150 mm
FEATURES	Cover with overpressure release
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
AMBIENT OPERATING TEMPERATURE - MIN	-5 °C

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	The reference values indicated in the table apply to the distribution board. As far as devices, terminals and enclosures are concerned, their own specific technical values apply.
SURFACE PROTECTION	Other
COVER/DOOR TYPE	None Cover
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.
OPERATING ALTITUDE WITHOUT DERATING - MAX	2000 mm
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP65
FLAMMABILITY CHARACTERISTICS OF GLOW ROD TEST	VDE 0304 Part 3 level IIb, level IIb to IEC 60707
NOMINAL CURRENT	1600 A
SUITABLE FOR	Lightning protection Outdoor use
SURFACE FINISHING	Passivated Galvanized
NUMBER OF ROWS	0
PROTECTION CLASS	II
WIDTH IN NUMBER OF MODULAR SPACINGS	15
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	42 W
NUMBER OF CONDUIT INLETS	76
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	Other IP00 (cable entry open) IP65 (enclosure) IK10

	IP64 (KST cable entries from above) IP65 (KST cable entries from below) IP65
RELATIVE HUMIDITY	50 % (at 40 °C) 90 % (at 20 °C)
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	22 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	20 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	44 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)	40 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
FUNCTIONS	Extension possible
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	21 W
ENCLOSURE MATERIAL	Plastic
MEAN AMBIENT OPERATING TEMPERATURE (24 HOURS)	35 °C
TYPE	Basic enclosure Panel enclosure with gland plates for Ci
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.
MOUNTING GRID	25 mm (DIN 43660)
NUMBER OF MODULES	1

Brochures

Catalogs

Drawings

Installation instructions

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