

Eaton 004985

Eaton xEnergy Safety Ci LV systems LV switchgear. MCB enclosure, 3x15space units, HxWxD=375x375x150mm

PRODUCT NAME	Eaton xEnergy Safety Ci MCB enclosure
CATALOG NUMBER	004985
PRODUCT LENGTH/DEPTH	150 mm
PRODUCT HEIGHT	375 mm
PRODUCT WIDTH	375 mm
PRODUCT WEIGHT	3.749 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN 62208 EN 61439-2

SPECIAL FEATURES

- Metric cable entry knockouts in all sides
- Housings for e.g. built-in devices MCB, RCD, RCBO, AFDD
- Transparent cover with quick-release fasteners
- Metal mounting rail for snapping on devices
- 1 x Blanking strip for unused mounting locations
- Protective shroud with inscription label
- PE/N combi-plug-in terminals
- Fixing straps for wall fixing
- Sealable cover fasteners

TYPE

- MCB individual enclosures
- Prepared enclosure
- xEnergy Safety Ci

10.10 TEMPERATURE RISE

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.11 SHORT-CIRCUIT RATING

Is the panel builder's responsibility.

10.12 ELECTROMAGNETIC COMPATIBILITY

Is the panel builder's responsibility.

10.13 MECHANICAL FUNCTION

Meets the product standard's requirements.

10.2.2 CORROSION RESISTANCE

Meets the product standard's requirements.

10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES

Meets the product standard's requirements.

10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS

Meets the product standard's requirements.

MCAD MODEL

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[IL015090ZU](#)

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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; meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.5 LIFTING	20 kg per enclosure with support frame and lifting aid met; assembled and secured as per the latest applicable instruction leaflet.
10.2.6 MECHANICAL IMPACT	IK10
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP65
10.4 CLEARANCES AND CREEPAGE DISTANCES	Is the panel builder's responsibility.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 1000 V AC
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Meets the product standard's requirements.
ENCLOSURE MATERIAL	Plastic
ACCESSORY/SPARE PART TYPE	MCB individual enclosures
BUILT-IN HEIGHT	0 mm
BUILT-IN WIDTH	0 mm
UNIT TYPE	Stand-alone device

BUILT-IN DEPTH	100 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	25 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	23 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	24 W
CLOSURE TYPE	Other
COVER/DOOR COLOR	Transparent
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Door Transparent Single
RAL-NUMBER	7035
WIDTH IN NUMBER OF MODULAR SPACINGS	15
COLOR	Gray
NUMBER OF ROWS	3
NUMBER OF MODULE SPACE UNITS (TOTAL)	45
DEGREE OF PROTECTION	IP65
NUMBER AND CAPACITY OF TERMINAL (PE AND N)	On each 3 x (2.5 - 25 mm ²) On each 21 x (0.5 - 4 mm ²)
FUNCTIONS	Prepared enclosure Sealable
MOUNTING METHOD	Surface mounted (plaster) DIN-rail
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	51 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	45 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	48 W
INTERNAL DEPTH	150 mm
NUMBER OF OPENINGS FOR SOCKET OUTLETS	0

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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