



Eaton 017897

Eaton xEnergy Safety Ci LV systems LV switchgear. Meter enclosure, HxWxD=375x375x175mm, IP65

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PRODUCT NAME	Eaton xEnergy Safety Ci meter enclosure rail
CATALOG NUMBER	017897
PRODUCT LENGTH/DEPTH	150 mm
PRODUCT HEIGHT	375 mm
PRODUCT WIDTH	375 mm
PRODUCT WEIGHT	5.473 kg
COMPLIANCES	RoHS conform

SPECIAL FEATURES

Meter rail to DIN 43853 including meter fixing screws and nuts Metric cable entry knockouts in all sides Fixing straps for wall fixing Sealable cover fasteners

TYPE

Ci insulated enclosure
Meter enclosures
Prepared enclosures

FEATURES

Cover with overpressure release

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 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

10.2.4 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

IP65

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PROTECTION OF ASSEMBLIES	
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.
FITTED WITH:	Mounting plate
ACCESSORY/SPARE PART TYPE	Meter enclosures Meter rail
DEGREE OF PROTECTION	IP65 Other IK10
ENCLOSURE MATERIAL	Plastic
SURFACE PROTECTION	Other
CIRCUIT INTEGRITY	Other
UNIT TYPE	Complete housing
BUILT-IN DEPTH	150 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C FREE STAND INDIVID. ENCL. TOP (IEC 60890)	30 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C FREE STAND MIDDLE ENCL. TOP (IEC 60890)	27 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C FREE STAND STARTING ENCL. TOP (IEC 60890)	29 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	27 W
HEAT DISS. AMBIENT	24 W

35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	26 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C FREE STAND INDIVID. ENCL. TOP (IEC 60890)	61 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C FREE STAND MIDDLE ENCL. TOP (IEC 60890)	55 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C FREE STAND STARTING ENCL. TOP (IEC 60890)	58 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	54 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	48 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	51 W
COLOR	Gray
COVER/DOOR COLOR	Transparent
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Transparent None Optional
NUMBER OF OPENINGS (FLANGE PLATES)	4
PLATE THICKNESS (CABINET)	6 mm
PLATE THICKNESS (COVER/DOOR)	6 mm
RAL-NUMBER	7035
WIDTH IN NUMBER OF MODULAR SPACINGS	15
MOUNTING METHOD	Surface mounted (plaster)
NUMBER OF ROWS	0
FUNCTIONS	Extension possible
PROTECTION CLASS	II
NUMBER OF MODULES	1

INTERNAL DEPTH	150 mm
MOUNTING DEPTH	136 mm
NOMINAL CURRENT	1600 A
NUMBER OF CONDUIT INLETS	100
SUITABLE FOR	Lightning protection Outdoor use
ENCLOSURE MATERIAL QUALITY	Other
TYPE OF COATING	Other

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:

