



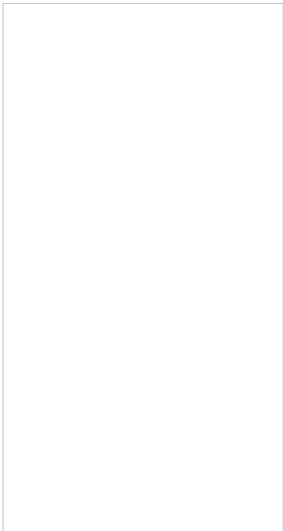
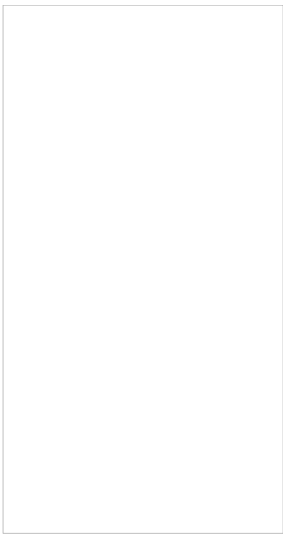
XENERGY SAFETY CI
029766


Overview


Specifications


Resources

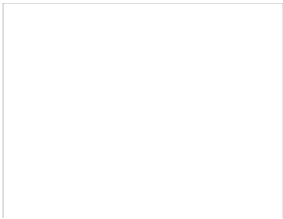
How to



029766

Eaton xEnergy Safety Ci LV systems LV switchgear
HxWxD=250x187.5x150mm

Access the Online Catalog



Designed to work together

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

032151

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, vertical, L=2000mm

036897

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, vertical, L=2250mm

058254

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, horizontal, L=1025mm

051135

Eaton xEnergy Safety Ci LV systems LV switchgear. Mounting frame profile, horizontal, L=650mm

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GENERAL SPECIFICATIONS

PRODUCTNAME	Eaton xEnergy Safety Ci MCB enclosure
CATALOG NUMBER	029766
MODEL CODE	AE/I23E
EAN	4015080297666
PRODUCT LENGTH/DEPTH	150 mm
PRODUCT HEIGHT	250 mm
PRODUCT WIDTH	188 mm
PRODUCT WEIGHT	1.764 kg
COMPLIANCES	RoHS conform

CERTIFICATIONS

EN 62208
EN 61439-2

PRODUCT SPECIFICATIONS

10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility.
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.
MOUNTING METHOD	Surface mounted (plaster) DIN-rail
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.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
COVER/DOOR MODEL	Closed
SPECIAL FEATURES	Metric cable entry knockouts in all sides Housings with switching devices MCB, RCD, RCBO, AFDD Transparent cover with release fasteners Metal mounting rail for snapping on Blanking strip for unused mounting locations Protection inscription label PE/N combi-plug-in terminals Fixing screws Sealable cover fasteners
BUILT-IN WIDTH	0 mm
COLOR	Gray
UNIT TYPE	Stand-alone device
BUILT-IN DEPTH	100 mm
10.9.3 IMPULSE WITHSTAND VOLTAGE	8 kV
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Is the panel builder's responsibility.
BUILT-IN HEIGHT	0 mm
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Protection class 2, therefore not applicable.
COVER/DOOR COLOR	Transparent
COVER/DOOR TYPE	Door Transparent Single
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
INTERNAL DEPTH	150 mm
ACCESSORY/SPARE PART TYPE	MCB individual enclosures
CLOSURE TYPE	Other
NUMBER OF ROWS	1
NUMBER OF MODULE SPACE UNITS (TOTAL)	9
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
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; meets the product requirements.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Ui = 1000 V AC
DEGREE OF PROTECTION	IP65
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)	23 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the device
FUNCTIONS	Prepared enclosure
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	12 W
ENCLOSURE MATERIAL	Plastic
TYPE	MCB individual enclosures Prepared enclosure xEnclosure
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.

Brochures

Catalogs

Drawings

Installation instructions

mCAD model

029766



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.

