



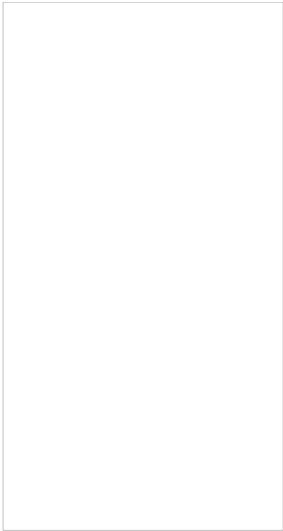
XENERGY SAFETY CI
043208


Overview


Specifications


Resources

How to



043208

Eaton xEnergy Safety Ci LV systems LV switchgear
mounting rail vertical, HxWxD=250x187.5x175mm

Access the Online Catalog

GENERAL SPECIFICATIONS

General specifications



PRODUCT NAME	Eaton xEnergy Safety Ci MCB enclosure
CATALOG NUMBER	043208
MODEL CODE	AV/I23-150
EAN	4015080432081
PRODUCT LENGTH/DEPTH	175 mm
PRODUCT HEIGHT	250 mm
PRODUCT WIDTH	188 mm
PRODUCT WEIGHT	1.537 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN 61439-2 EN 62208

Product specifications



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	DIN-rail Surface mounted (plaster)
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	Housing prepared for distribution board Two sides closed Two sides open Housings for e.g. built-in devices RCBO, AFDD Transparent cover with quick-release rails for snap-fitting the devices Blanking strip for unused locations Protective shroud with inscription label See also w/o PE/N terminals, please order separately
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
USED WITH	xEnergy Safety Ci Enclosures for miniature circuit breakers Prepared enclosure
COVER/DOOR TYPE	Transparent Optional 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	Enclosures for miniature circuit breakers
CLOSURE TYPE	Other
NUMBER OF ROWS	1
NUMBER OF MODULE SPACE UNITS (TOTAL)	9
WIDTH IN NUMBER OF MODULAR SPACINGS	0
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 standard's 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)	22 W
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise. 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	Enclosures for miniature circuit breakers Prepared enclosure Safety Class
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.
BASE TYPE	Partially closed, foldable

Brochures

Catalogs

Drawings

Installation instructions

mCAD model

043208



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.