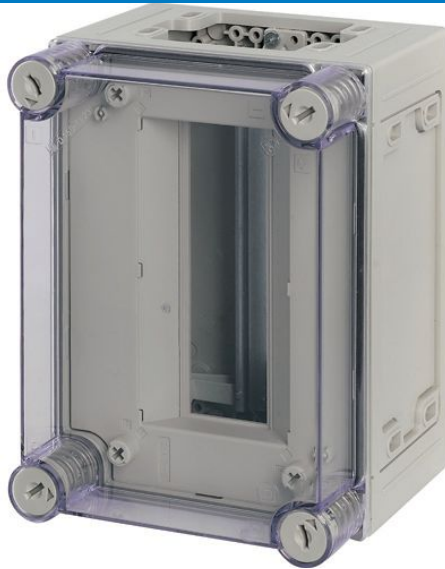


Specifications



Eaton 043208

Eaton xEnergy Safety Ci LV systems LV switchgear. MCB enclosure, IP65, mounting rail vertical, HxWxD=250x187.5x175mm

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

Additional information

FUNCTIONS	Prepared enclosure Sealable
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RAL-NUMBER	7035
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SPECIAL FEATURES

- Housing prepared for distribution board
- Two sides closed, can be folded out
- Two sides open
- Housings for e.g. built-in devices MCB, RCD, RCBO, AFDD
- Transparent cover with quick-release fasteners
- Mounting rails for snap-fitting the devices
- Blanking strip for unused mounting locations
- Protective shroud with inscription label
- Sealable cover fasteners w/o PE/N terminals, please order separately

USED WITH

xEnergy Safety Ci
Enclosures for miniature circuit breakers
Prepared enclosure

Delivery programme

ACCESSORY/SPARE PART TYPE	Enclosures for miniature circuit breakers
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COLOR	Gray
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TYPE

- Enclosures for miniature circuit breakers
- Prepared enclosure
- xEnergy Safety Ci

Design verification to IEC/EN 61439

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; meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Not relevant to indoor installations.
10.2.5 LIFTING	5 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	Is the panel builder's

Technical data - mechanical

BASE TYPE	Partially closed, foldable
CLOSURE TYPE	Other
COVER/DOOR COLOR	Transparent
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Transparent Optional Single
DEGREE OF PROTECTION	IP65
ENCLOSURE MATERIAL	Plastic
INTERNAL DEPTH	150 mm
NUMBER OF MODULE SPACE UNITS (TOTAL)	9
NUMBER OF ROWS	1
UNIT TYPE	Stand-alone device
WIDTH IN NUMBER OF MODULAR SPACINGS	0
BUILT-IN DEPTH	100 mm
MOUNTING METHOD	DIN-rail Surface mounted (plaster)

ELECTRICAL CIRCUITS AND CONNECTIONS	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.

Temperature-rise verification as per IEC 60890

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 MIDDLE ENCL. TOP (IEC 60890)	22 W
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 STARTING ENCL. TOP (IEC 60890)	12 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	26 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	24 W

Resources

BROCHURES	eaton-xenergy-safety-ci-subway-line-success-story-en-us.pdf
CATALOGUES	eaton-xenergy-ci-safety-catalog-ca015006en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-empty-enclosure-declaration-of-conformity-eu250306en.pdf
DRAWINGS	eaton-lighting-enclosure-xenergy-safety-ci-mcb-enclosure-dimensions-004.eps eaton-insulated-boards-enclosure-xenergy-safety-ci-mcb-enclosure-dimensions.eps
INSTALLATION INSTRUCTIONS	eaton-xenergy-safety-ci-enclosure-brochure-br014001en-en-us.pdf IL015090ZU
MCAD MODEL	eaton-empty-consumer-units-mcad-drawings-av-i23-150.dwg av_i23_150.stp

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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