

Eaton 032139

Catalog Number: 032139

Eaton xEnergy Safety Ci LV systems LV switchgear. MCB enclosure, +door, 9HP, HxWxD=250x187.5x150mm



General specifications

Product Name	Catalog Number
Eaton xEnergy Safety Ci MCB enclosure	032139
EAN	Product Length/Depth
4015080321392	150 mm
Product Height	Product Width
250 mm	188 mm
Product Weight	Compliances
1.81 kg	RoHS conform
Certifications	
EN 62208	
EN 61439-2	

Product specifications

Used with

MCB individual enclosures

Prepared enclosure

xEnergy Safety Ci

Special features

Metric cable entry knockouts

in all sides

Housings for e.g. built-in
devices MCB, RCD, RCBO,
AFDD

Transparent door for
operator access to devices
fitted

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.

Resources

Brochures

[eaton-xenergy-safety-ci-enclosure-brochure-br014001en-en-us.pdf](#)

[eaton-xenergy-safety-ci-subway-line-success-story-en-us.pdf](#)

Catalogs

[eaton-xenergy-ci-safety-catalog-ca015006en-en-us.pdf](#)

Drawings

[eaton-distribution-boards-enclosure-xenergy-safety-ci-mcb-enclosure-dimensions.eps](#)

[eaton-lighting-enclosure-xenergy-safety-ci-mcb-enclosure-dimensions.eps](#)

Installation instructions

[IL015090ZU](#)

mCAD model

[ae_i23e_t.stp](#)

[ae_i23e_t.dwg](#)

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 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

$U_i = 1000 \text{ V AC}$

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)

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:20°C wall mount starting encl.
top (IEC 60890)

12 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

9

Color

Gray

Number of rows

1

Number of module space units (total)

9

Degree of protection

IP65

Number and capacity of terminal (PE and N)

On each 1 x (2.5 - 25 mm²)

On each 7 x (0.5 - 4 mm²)

Functions

Prepared enclosure

Mounting method

Surface mounted (plaster)

DIN-rail

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 middle encl.
top (IEC 60890)

23 W

Heat diss. ambient 35°C delta T:35°C wall mount starting encl.
top (IEC 60890)

24 W

Internal depth

150 mm



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