

# Eaton 036089

Catalog Number: 036089

Eaton xEnergy Safety Ci LV systems LV switchgear. MCB enclosure, IP65, mounting rail vertical, HxWxD=250x187.5x150mm

General specifications



Product Name	Catalog Number
Eaton xEnergy Safety Ci MCB enclosure	036089
EAN	Product Length/Depth
4015080360896	150 mm
Product Height	Product Width
250 mm	188 mm
Product Weight	Compliances
1.5 kg	RoHS conform
Certifications	
EN 62208	
EN 61439-2	

## Product specifications

### 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

### Type

Enclosures for miniature circuit breakers Prepared enclosures xEnergy Safety Ci

### 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

5 kg per enclosure with support frame and lifting aid met; assembled and secured as per the latest applicable instruction leaflet.

## 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-lighting-enclosure-xenergy-safety-ci-mcb-enclosure-dimensions-004.eps](#)

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

### Installation instructions

[IL015090ZU](#)

### mCAD model

[av\\_i23\\_125.dwg](#)

[av\\_i23\\_125.stp](#)

#### 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.

#### Accessory/spare part type

Enclosures for miniature circuit breakers

#### Degree of protection

IP65

IK10

Other

#### Enclosure material

Plastic

#### Surface protection

Other

#### Circuit integrity

Other

#### Base type

Partially closed, foldable

#### 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)

12 W

Heat diss. ambient 35°C delta T: 20°C wall mount middle encl.  
top (IEC 60890)

10 W

Heat diss. ambient 35°C delta T:20°C wall mount starting encl.  
top (IEC 60890)

11 W

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

24 W

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

20 W

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

22 W

Color

Gray

Cover/door color

Transparent

Cover/door model

Closed

Cover/door type

None

Optional

Transparent

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

9

Mounting method

Surface mounted (plaster)

Number of rows

1

Number of module space units (total)

9

Protection class

II

Number of modules

1

Internal depth

125 mm

Nominal current

1600 A

Number of conduit inlets

30

Suitable for

Lightning protection

Outdoor use



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Eaton House  
30 Pembroke Road  
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