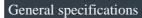
Eaton 036089

Catalog Number: 036089

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



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 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.
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) 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

RAL-number 7035

6 mm

Width in number of modular spacings

Plate thickness (cover/door)

Mounting method

Surface mounted (plaster)

Number of rows

1

Number of module space units (total)

9

Protection class

Ш

Number of modules

Internal depth

125 mm

Nominal current

1600 A

Number of conduit inlets

30

Suitable for

Lightning protection

Outdoor use



Eaton Corporation plc Eaton House 30 Pembroke Road Dublin 4, Ireland Eaton.com

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