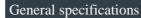
Eaton 061937

Catalog Number: 061937

Eaton xEnergy Safety Ci LV systems LV switchgear. MCB enclosure, +door, 3x15space units, HxWxD=375x375x150mm



Product Name

Catalog Number

Eaton xEnergy Safety Ci MCB enclosure 061937

EAN

Product Length/Depth

4015080619376

150 mm

Product Height

Product Width

375 mm

375 mm

Product Weight

Compliances

3.88 kg

RoHS conform

Certifications

EN 61439-2

EN 62208



Product specifications

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.

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.

Resources

Brochures

eaton-xenergy-safety-ci-subway-line-success-story-en-us.pdf eaton-xenergy-safety-ci-enclosure-brochure-br014001en-en-us.pdf

Catalogs

eaton-xenergy-ci-safety-catalog-ca015006en-en-us.pdf

Drawings

eaton-distribution-boards-enclosure-xenergy-safety-ci-mcb-enclosure-dimensions-003.eps

 $eaton-lighting-enclosure-xenergy-safety-ci-mcb-enclosure-dimensions-\\003.eps$

Installation instructions

IL015090ZU

mCAD model

ae_i44e_t.dwg

ae_i44e_t.stp

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

20 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

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.

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) 25 W |
| Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890) 23 W |
| Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890) 24 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 15 |
| Color Gray |
| Number of rows 3 |
| Number of module space units (total) 45 |
| Degree of protection IP65 |
| Number and capacity of terminal (PE and N) |

On each 3 x (2.5 - 25 mm²)

On each 21 x (0.5 - 4 mm²)

Functions

Prepared enclosure

Mounting method

DIN-rail

Surface mounted (plaster)

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

51 W

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

45 W

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

48 W

Internal depth

150 mm



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