Specifications

Eaton 004985

Catalog Number: 004985

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



General specifications

Product Name
Eaton xEnergy Safety Ci MCB enclosure

Catalog Number
004985

EAN
4015080049852

Product Length/Depth
150 mm

Product Height
375 mm

Product Width
375 mm

Product Weight
3.749 kg

Compliances
RoHS conform

Certifications
EN 62208
EN 61439-2

Powering Business Worldwide

Product specifications

Special features

Metric cable entry knockouts in all sides
Housings for e.g. built-in devices MCB, RCD, RCBO, AFDD
Transparent cover with quick-release fasteners
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.dwg

ae_i44e.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

Surface mounted (plaster)

DIN-rail

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

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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia