Specifications

Eaton 083647



Catalog Number: 083647

Eaton xEnergy Safety Ci LV systems LV switchgear. Cap, transparent smoky gray, HxWxD=750x375x150mm

General specifications

Product Name
Eaton xEnergy Safety Ci empty enclosure cover

Catalog Number
083647

EAN
4015080836476

Product Length/Depth
190 mm

Product Height
750 mm

Product Width
375 mm

Product Weight
1.92 kg

Compliances
RoHS conform

Powering Business Worldwide

Product specifications

Used with

U-CI48…

xEnergy Safety Ci

Enclosure cover

Basic enclosure

Special features

Sealable cover fasteners

Type

Basic enclosure

Enclosure cover

xEnergy Safety Ci

Accessory/spare part type

Enclosure cover without apertures

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

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

40 kg per enclosure with support frame and lifting aid met, assembled and secured as per the latest applicable instruction

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-enclosures-xenergy-safety-ci-cover-3d-drawing.eps

mCAD model

d250_ci48.dwg

d250_ci48.stp

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, with base unit

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.

Surface finishing

Untreated

Color

Transparent, smoky gray

Other

Unit type

Modular system

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

40 W

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

35 W

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

38 W

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

80 W

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

70 W

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

75 W

Mounting depth

250 mm

RAL-number

0

Suitable for enclosure building length/depth

0 mm

Suitable for enclosure building width

0 mm

Cover/door type

Transparent

Material

Plastic

Suitable for

Outdoor set-up

Functions

Basic enclosure

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