Specifications

Eaton 086714

Catalog Number: 086714

Eaton xEnergy Safety Ci LV systems LV switchgear. Cap, + door, transparent smoky gray, HxWxD=375x375x50mm



General specifications

Product Name
Eaton xEnergy Safety Ci empty enclosure cover with door

Catalog Number
086714

EAN
4015080867142

Product Length/Depth
130 mm

Product Height
375 mm

Product Width
375 mm

Product Weight
1.36 kg

Compliances
RoHS conform

Powering Business Worldwide

Product specifications

Used with

U-CI44…
xEnergy Safety Ci
Enclosure cover
Basic enclosure

Special features

Transparent door
with quick-release fasteners
Opening angle 180°
Door hinges can be
subsequently changed to
left, right, top or bottom.

Type

Basic enclosure
Enclosure cover
xEnergy Safety Ci

Accessory/spare part type

Enclosure cover with door

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.

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-enclosures-xenergy-safety-ci-cover-3d-drawing-002.eps

mCAD model

d150_ci44_t.stp

d150_ci44_t.dwg

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, 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

Other

Degree of protection

IP65

Unit type

Modular system

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

18 W

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

17 W

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

17 W

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

36 W

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

34 W

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

35 W

Mounting depth

150 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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