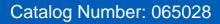
# Eaton 065028



Eaton xEnergy Safety Ci LV systems LV switchgear. Base, HxWxD=250x375x120mm

# General specifications



Eaton xEnergy Safety Ci empty

enclosure base

Product Length/Depth

150 mm

**Product Width** 

375 mm

Compliances

RoHS conform

Catalog Number

065028

**EAN** 

4015080650287

**Product Height** 

250 mm

**Product Weight** 

1.168 kg

Certifications

EN 61439-2 EN 62208



# Product specifications

#### Special features

Flanges #024355 Distance frame for Cl45... #110103 Sides closed, but with full area knockout Open tip and bottom

#### Type

Basic enclosure Enclosure bases 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

960 °C

#### 10.2.4 Resistance to ultra-violet (UV) radiation

Not relevant to indoor installations.

#### 10.2.5 Lifting

10 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.

#### 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-enclosure-xenergy-safety-ci-base-dimensions-002.eps eaton-enclosures-base-xenergy-safety-ci-3d-drawing.eps

#### Installation instructions

05670392.pdf

#### mCAD model

u\_ci43.stp

u\_ci43.dwg

# 10.3 Degree of protection of assemblies IP65, with cover 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 Bases for panel enclosures Degree of protection IK10 Other IP65 **Enclosure material** Plastic Surface protection Other Circuit integrity Other Base type Closed, with full area knockout Unit type Modular system Built-in depth 200 mm Heat diss. ambient 35°C delta T:20°C wall mount individ. encl.

top (IEC 60890)

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) 18 W Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890) 38 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) 36 W Color Gray Cover/door model Closed Cover/door type Optional None Number of openings (flange plates) 4 Plate thickness (cabinet) 6 mm Plate thickness (cover/door) 6 mm RAL-number 7035 Width in number of modular spacings 15 Cable entry type FL4... flange FL3... flange Transverse Top and bottom

Mounting method

Surface mounted (plaster)

### Number of rows

# **Functions**

Extension possible

#### Protection class

П

#### Number of modules

1

# Internal depth

100 mm

#### Nominal current

1600 A

# Number of conduit inlets

76

# Suitable for

Lightning protection

Outdoor use



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