Specifications

Eaton 284231



Catalog Number: 284231

Eaton xEnergy Light LV systems LV switchgear. Base frame for WxD= 425 x 400mm, grey

General specifications

Product Name
Eaton xEnergy Light LV systems LV switchgear

Catalog Number
284231

EAN
4015082842314

Product Length/Depth
440 mm

Product Height
245 mm

Product Width
380 mm

Product Weight
9.8 kg

Compliances
RoHS conform

Powering Business Worldwide

Product specifications

Features

EMC-version

Mounting plate depth-adjustable

Connectable

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

Not applicable.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Not applicable.

10.2.4 Resistance to ultra-violet (UV) radiation

Not relevant to indoor installations.

10.2.5 Lifting

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.

10.4 Clearances and creepage distances

Is the panel builder's responsibility.

10.5 Protection against electric shock

< 0.1 Ω; meets the product standard's requirements.

Resources

Catalogs

eaton-xenergy-light-add-on-distribution-board-product-catalog-2017-en-us.pdf

eaton-pdd-xenergy-light-catalog-ca014022en-en-us.pdf

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 = 690 V AC

10.9.3 Impulse withstand voltage

6 kV

10.9.4 Testing of enclosures made of insulating material

Does not apply to metal enclosures.

Pollution degree

3

Surface finishing

Powder coating

Degree of protection

Other

IK10

Material quality

Other

Color

Gray

Permissible load of the mounting plate according to IEC 62208 - max

4000 N

Number of locks

0

RAL-number

7035

Material

Steel

Overvoltage category

IV

Installation type

Floor standing wall model

Protection class

I

Number of covers/doors

0

Suitable for

Metrical mounting

Permissible load of the enclosure according to IEC 62208 - max

5000 N

Permissible load of the door(s) according to IEC 62208 - max

1000 N

Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890

0 W

Number of connector holes

0

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

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