

Eaton 125835

Catalog Number: 125835

Eaton xEnergy Basic LV systems Low voltage switchgear. Outdoor distribution board 800/12

General specifications

Product Name	Catalog Number
Eaton xEnergy Basic small distribution board	125835
	EAN
	4015081234455
Product Length/Depth	Product Height
370 mm	1300 mm
Product Width	Product Weight
820 mm	34 kg
Compliances	Model Code
RoHS conform	BP-VF-800/12



Product specifications

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

104 W

10.11 Short-circuit rating

Is the panel builder's responsibility.

Internal depth

320 mm

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

209 W

Closure type

Other

RAL-number

7035

10.4 Clearances and creepage distances

Is the panel builder's responsibility.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility.

Surface finishing

With powder coating

Mounting method

Pedestal (in-ground mounting)

Floor standing distribution board

10.2.5 Lifting

Does not apply to enclosures without lifting aids.

Number of rows

9

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

Width in number of modular spacings

35

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

Meets the product standard's requirements.

Resources

Brochures

[eaton-xenergy-basic-light-brochure-br014024-en-us.pdf](#)

Catalogues

[eaton-distribution-boards-xenergy-basic-catalog-ca014010en-en-us.pdf](#)

Certification reports

[DA-DC-03_xEnergy_Basic_BP](#)

10.8 Connections for external conductors

Is the panel builder's responsibility.

Cover/door model

Closed

10.9.2 Power-frequency electric strength

$U_i = 440 \text{ V AC}$

Degree of protection

IP44

Built-in width

820 mm

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

Color

Light gray (RAL 7035)

Gray

Built-in depth

370 mm

Features

EMC-version

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

Functions

Extension possible

Additional equipment

Material

Aluminum

10.9.3 Impulse withstand voltage

4 kV

Enclosure material

Aluminum

Type

Additional equipment

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.6 Incorporation of switching devices and components

Is the panel builder's responsibility.

Built-in height

1300 mm

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.5 Protection against electric shock

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

Cover/door type

Rotary lever

Door

10.13 Mechanical function

Meets the product standard's requirements.

10.2.6 Mechanical impact

IK10

10.9.4 Testing of enclosures made of insulating material

Does not apply to metal enclosures.

10.3 Degree of protection of assemblies

IP44

Application

Outdoor (installation site)



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