

Eaton 149157

Catalog Number: 149157

Eaton xEnergy Basic LV systems Low voltage switchgear. Surface-mount service distribution board with three-point turn-lock, mounting side panel, W = 800 mm, H = 760 mm

General specifications



Product Name	Catalog Number
Eaton xEnergy Basic small distribution board	149157
	Product Length/Depth
	280 mm
Product Height	Product Width
775 mm	815 mm
Product Weight	Compliances
23.9 kg	RoHS conform
Model Code	
BP-O-800/7-MSW	

Type

Basic device

Certifieringsrapporter

DA-DC-03_xEnergy_Basic_BP

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.

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

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Not relevant to indoor installations.

10.2.5 Lifting

Does not apply to enclosures without lifting aids.

10.2.6 Mechanical impact

IK07

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

IP30

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.

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

$U_i = 440 \text{ V AC}$

10.9.3 Impulse withstand voltage

4 kV

10.9.4 Testing of enclosures made of insulating material

Does not apply to metal enclosures.

Surface finishing

With powder coating

Enclosure material

Steel

Built-in height

775 mm

Built-in width

815 mm

Built-in depth

280 mm

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

75 W

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

73 W

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

84 W

Closure type

Other

Cover/door model

Closed

Cover/door type

Door

Three-point turn-lock

Single

RAL-number

7035

Width in number of modular spacings

35

Application

Indoor (installation site) Mounting side wall

Color

Light gray (RAL 7035)

Gray

Number of rows

4

Degree of protection

IP30

Functions

Basic device

Extension possible

Material

Sheet steel

Mounting method

Surface mounted (plaster)

Surface mounting

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

151 W

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

146 W

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

169 W

Internal depth

257.5 mm



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