Specyfikacje

Eaton 149160

Catalog Number: 149160

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 = 1560 mm



General specifications

Product Name Eaton xEnergy Basic small distribution board	**Catalog Number** 149160
	EAN 4015081455065
Product Length/Depth 280 mm	**Product Height** 1575 mm
Product Width 815 mm	**Product Weight** 41.4 kg
Compliances RoHS conform	**Model Code** BP-O-800/15-PSN

Powering Business Worldwide

Delivery program

Type

Basic device

Application

Indoor (installation site) Mounting side wall

Color

Light gray (RAL 7035)

Gray

Technical data - mechanical

Closure type

Other

Surface finishing

With powder coating

Enclosure material

Steel

Width in number of modular spacings

35

Mounting method

Surface mounting

Surface mounted (plaster)

Material

Sheet steel

Number of rows

9

Built-in depth

280 mm

Built-in height

1575 mm

Built-in width

815 mm

Cover/door model

Closed

Cover/door type

Door

Three-point turn-lock

Single

Temperature-rise verification as per IEC 60890

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

128 W

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

256 W

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

Design verification as per IEC/EN 61439

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.

139 W

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

132 W

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

278 W

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

265 W

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

Ui = 440 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.

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.

Additional information

Features

EMC-version

Functions

Basic device

Extension possible

RAL-number

7035

Do pobrania

Broszury

eaton-xenergy-basic-light-brochure-br014024-en-us.pdf

Deklaracje zgodności

DA-DC-03_xEnergy_Basic_BP

DWG

eaton-low-voltage-switch-gear-dimensions-1230dim-434.eps

Informacje handlowe

eaton-f3a-flange-flyer-fl019005en-en-us.pdf

Katalogi

eaton-distribution-boards-xenergy-basic-catalog-ca014010en-en-us.pdf

mCAD model

eaton-cadenas-path-media_assets-assemblies-bp_0_msw_15_asmtpl.prj

DA-CD-bp_0_msw_15

eaton-cadenas-side_view-bp_0_msw_15_s_side.pra

DA-CS-bp_0_msw_15

eaton-cadenas-front_view-bp_0_msw_15_v_front.pra

Ulotki

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