

Specyfikacje



Eaton 149159

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 = 1260 mm

General specifications

PRODUCT NAME	Eaton xEnergy Basic small distribution board
CATALOG NUMBER	149159
EAN	4015081455058
PRODUCT LENGTH/DEPTH	280 mm
PRODUCT HEIGHT	1275 mm
PRODUCT WIDTH	815 mm
PRODUCT WEIGHT	34.7 kg
COMPLIANCES	RoHS conform
MODEL CODE	BP-O-800/12-PSN

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Delivery program

TYPE	Basic device
APPLICATION	Indoor (installation site) Mounting side wall
COLOR	Gray

Technical data - mechanical

CLOSURE TYPE	Other
SURFACE FINISHING	With powder coating
ENCLOSURE MATERIAL	Steel

Light gray (RAL 7035)

WIDTH IN NUMBER OF MODULAR SPACINGS	35
MOUNTING METHOD	Surface mounting Surface mounted (plaster)
MATERIAL	Sheet steel
NUMBER OF ROWS	7
BUILT-IN DEPTH	280 mm
BUILT-IN HEIGHT	1275 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)** 100 W

**HEAT DISS. AMBIENT
35°C DELTA T: 35°C WALL
MOUNT MIDDLE ENCL.
TOP (IEC 60890)** 200 W

**HEAT DISS. AMBIENT
35°C DELTA T: 20°C WALL
MOUNT INDIVID. ENCL.
TOP (IEC 60890)** 120 W

**HEAT DISS. AMBIENT
35°C DELTA T: 20°C WALL
MOUNT STARTING ENCL.
TOP (IEC 60890)** 108 W

**HEAT DISS. AMBIENT
35°C DELTA T: 35°C WALL
MOUNT INDIVID. ENCL.
TOP (IEC 60890)** 240 W

**HEAT DISS. AMBIENT
35°C DELTA T: 35°C WALL
MOUNT STARTING ENCL.
TOP (IEC 60890)** 216 W

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.

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- $U_i = 440 \text{ V AC}$

FREQUENCY ELECTRIC STRENGTH**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

Zasoby

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	DA-CS-bp_0_msw_14 eaton-cadenas-path-media_assets-assemblies-bp_0_msw_14_asmtpl.prj eaton-cadenas-front_view-bp_0_msw_14_v_front.pra DA-CD-bp_0_msw_14 eaton-cadenas-side_view-bp_0_msw_14_s_side.pra

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:



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