

Specifications

Eaton 111022

Eaton xEnergy Basic LV systems Low voltage switchgear. Surface-mounted installation distribution board with double-bit lock, IP55, HxWxDHxWxD=460x600x270mm

General Specifications

PRODUCT NAME	Eaton xEnergy Basic small distribution board
CATALOG NUMBER	111022
EAN	4015081105830
PRODUCT LENGTH/DEPTH	270 mm
PRODUCT HEIGHT	460 mm
PRODUCT WIDTH	600 mm
PRODUCT WEIGHT	19 kg
COMPLIANCES	RoHS conform
MODEL CODE	BPM-O-600/4



Powering Business Worldwide

Product specifications

TYPE	Basic device
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	IK10
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	IP55
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	Is the panel builder's

Resources

BROCHURES	eaton-xenergy-basic-light-brochure-br014024-en-us.pdf
CATALOGUES	eaton-distribution-boards-xenergy-basic-catalog-ca014010en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-empty-enclosure-declaration-of-conformity-eu251403en.pdf eaton-empty-enclosure-declaration-of-conformity-uk251448en.pdf
DRAWINGS	eaton-low-voltage-switch-gear-dimensions-1230dim-436.eps
FLYERS	eaton-xenergy-basic-profisnap-flyer-fl019008en-en-us.pdf
MANUALS AND USER GUIDES	DA-MN-170900094
MCAD MODEL	eaton-empty-consumer-units-mcad-3d-models-bpm-o-600-4.stp
SALES NOTES	eaton-f3a-flange-flyer-fl019005en-en-us.pdf

ELECTRICAL CIRCUITS AND CONNECTIONS	responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	U _i = 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.
SURFACE FINISHING	With powder coating
ENCLOSURE MATERIAL	Steel
BUILT-IN HEIGHT	490 mm
BUILT-IN WIDTH	630 mm
BUILT-IN DEPTH	300 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	54 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	48 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	51 W
CLOSURE TYPE	Other
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Door Double-ward lock Single
RAL-NUMBER	7035
WIDTH IN NUMBER OF MODULAR SPACINGS	24
APPLICATION	Moisture-proof (installation site)
COLOR	Gray Light gray (RAL 7035)
NUMBER OF ROWS	2
DEGREE OF PROTECTION	IP55
FUNCTIONS	Basic device Extension possible Sealable
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)	108 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	97 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	103 W
INTERNAL DEPTH	265 mm
NUMBER OF OPENINGS FOR SOCKET OUTLETS	0

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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