

Specifications



Eaton 119213

Eaton xEnergy Basic LV systems Low voltage switchgear. Standard-compliant "mask" distribution board, WxHxD = 973 x 2000 x 175 mm

General specifications

PRODUCT NAME	Eaton xEnergy Basic empty enclosure
CATALOG NUMBER	119213
MODEL CODE	BP-MN-1000/20/1,75
EAN	4015081173501
PRODUCT LENGTH/DEPTH	175 mm
PRODUCT HEIGHT	2000 mm
PRODUCT WIDTH	973 mm
PRODUCT WEIGHT	20 kg
COMPLIANCES	RoHS conform



Powering Business Worldwide

Additional information

FEATURES	Connectable EMC-version
RAL-NUMBER	7035
SUITABLE FOR	Metrical mounting

Delivery programme

COLOR	Gray
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Design verification to IEC/EN 61439

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	Is the panel builder's

Technical data - mechanical

INSTALLATION TYPE	Floor installation possible
MATERIAL	Steel
NUMBER OF CONNECTOR HOLES	0
NUMBER OF COVERS/DOORS	0
NUMBER OF LOCKS	0
SURFACE FINISHING	Powder coating
BUILT-IN DEPTH	175 mm
DEGREE OF PROTECTION	IK07 Other

EXTERNAL CONDUCTORS	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.

Temperature-rise verification as per IEC 60890

HEAT DISS. AMBIENT
35°C DELTA T: 20°C WALL
MOUNT MIDDLE ENCL.
TOP (IEC 60890) 165 W

HEAT DISS. AMBIENT
35°C DELTA T: 35°C WALL
MOUNT MIDDLE ENCL.
TOP (IEC 60890) 332 W

HEAT DISS. AMBIENT
35°C DELTA T: 20°C WALL
MOUNT INDIVID. ENCL.
TOP (IEC 60890) 174 W

HEAT DISS. AMBIENT
35°C DELTA T: 20°C WALL
MOUNT STARTING ENCL.
TOP (IEC 60890) 173 W

HEAT DISS. AMBIENT
35°C DELTA T: 35°C WALL
MOUNT INDIVID. ENCL.
TOP (IEC 60890) 349 W

HEAT DISS. AMBIENT
35°C DELTA T: 35°C WALL
MOUNT STARTING ENCL.
TOP (IEC 60890) 347 W

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:

Resources

BROCHURES	eaton-xenergy-basic-light-brochure-br014024-en-us.pdf
CATALOGUES	eaton-distribution-boards-xenergy-basic-catalog-ca014010en-en-us.pdf
DRAWINGS	eaton-low-voltage-switch-gear-dimensions-1230dim-442.eps
FLYERS	eaton-xenergy-basic-profisnap-flyer-fl019008en-en-us.pdf
MCAD MODEL	eaton-front-access-switchboard-mcad-drawings-bp-nm-17.dwg DA-CS-bp_nm_17
SALES NOTES	eaton-f3a-flange-flyer-fl019005en-en-us.pdf



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