



## Eaton 120692

Eaton xEnergy Basic LV systems Low voltage switchgear. Floor standing distribution board, flexible surface mounting, W = 1000 mm, H = 2060 mm, D = 300 mm

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<b>PRODUCT NAME</b>	Eaton xEnergy Basic empty enclosure
<b>CATALOG NUMBER</b>	120692
<b>PRODUCT LENGTH/DEPTH</b>	300 mm
<b>PRODUCT HEIGHT</b>	2060 mm
<b>PRODUCT WIDTH</b>	1000 mm
<b>PRODUCT WEIGHT</b>	48 kg
<b>COMPLIANCES</b>	RoHS conform

<b>TYPE</b>	Basic device
<b>FEATURES</b>	Mounting plate depth-adjustable EMC-version
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility.
<b>10.13 MECHANICAL FUNCTION</b>	Meets the product standard's requirements.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Not relevant to indoor installations.
<b>10.2.5 LIFTING</b>	Met; assembled and secured as per the latest applicable instruction leaflet.
<b>10.2.6 MECHANICAL IMPACT</b>	IK08
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	IP30
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Is the panel builder's responsibility.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	< 0.1 Ω; meets the product standard's requirements.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND</b>	Is the panel builder's responsibility.

COMPONENTS	
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.
FITTED WITH:	Door
SURFACE FINISHING	With powder coating Powder coating
DEGREE OF PROTECTION	IP30 IK08 (impact resistance) Other IK08
GRADE MATERIAL	Sheet steel
HEAT DISS. AMBIENT 35°C DELTA T:20°C FREE STAND INDIVID. ENCL. TOP (IEC 60890)	255 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C FREE STAND MIDDLE ENCL. TOP (IEC 60890)	237 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C FREE STAND STARTING ENCL. TOP (IEC 60890)	245 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	222 W
HEAT DISS. AMBIENT 35°C DELTA T: 20°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)	214 W
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)	217 W
HEAT DISS. AMBIENT 35°C DELTA T:35°C FREE STAND INDIVID. ENCL. TOP (IEC 60890)	511 W
HEAT DISS. AMBIENT 35°C DELTA T: 35°C FREE STAND MIDDLE ENCL.	475 W

<b>TOP (IEC 60890)</b>	
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C FREE STAND STARTING ENCL. TOP (IEC 60890)</b>	492 W
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)</b>	445 W
<b>HEAT DISS. AMBIENT 35°C DELTA T: 35°C WALL MOUNT MIDDLE ENCL. TOP (IEC 60890)</b>	428 W
<b>HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT STARTING ENCL. TOP (IEC 60890)</b>	435 W
<b>MATERIAL QUALITY</b>	Other
<b>COLOR</b>	Light gray (RAL 7035) Gray
<b>PERMISSIBLE LOAD OF THE MOUNTING PLATE ACCORDING TO IEC 62208 - MAX</b>	0 N
<b>NUMBER OF LOCKS</b>	0
<b>RAL-NUMBER</b>	7035
<b>APPLICATION</b>	Indoor (installation site)
<b>MATERIAL</b>	Steel Sheet steel
<b>MOUNTING METHOD</b>	Floor standing distribution board Detached
<b>FUNCTIONS</b>	Basic device
<b>INSTALLATION TYPE</b>	Floor installation possible
<b>NUMBER OF COVERS/DOORS</b>	2
<b>SUITABLE FOR</b>	Metrical mounting
<b>PERMISSIBLE LOAD OF THE ENCLOSURE ACCORDING TO IEC 62208 - MAX</b>	0 N
<b>PERMISSIBLE LOAD OF THE DOOR(S) ACCORDING TO IEC 62208 - MAX</b>	0 N
<b>THERMAL DISSIPATION (DELTA T = 20 K) ACCORDING TO IEC/TR 60890</b>	0 W
<b>NUMBER OF CONNECTOR HOLES</b>	0

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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