

Floor-standing distribution board with locking rotary lever, IP55,
HxWxD=2060x400x320mm



Part no. **BPM-F-400/20-P**

111048

**EL Number
(Norway)**

2459500

General specifications		
Product name		Eaton xEnergy Basic empty enclosure
Part no.		BPM-F-400/20-P
EAN		4015081106097
Product Length/Depth		350 millimetre
Product height		2090 millimetre
Product width		430 millimetre
Product weight		50.6 kilogram
Compliances		RoHS conform
Product Tradename		xEnergy Basic
Product Type		Empty enclosure
Product Sub Type		None
Delivery program		
Type		Basic device
Application		Moisture-proof (installation site)
Color		Gray Light gray (RAL 7035)
Technical Data - Mechanical		
Surface finishing		With powder coating Powder coating
Mounting method		Floor standing distribution board Detached
Material		Steel Sheet steel
Degree of protection		IK10 IP55 Other
Number of connector holes		0
Number of covers/doors		1
Number of locks		0
Permissible load of the door(s) according to IEC 62208 - max		0 N
Permissible load of the enclosure according to IEC 62208 - max		0 N
Permissible load of the mounting plate according to IEC 62208 - max		0 N
Cover/door type		Rotary lever
Grade material		Sheet steel
Installation type		Floor installation possible
Temperature-rise verification as per IEC 60890		
Heat diss. ambient 35°C delta T: 20°C free stand middle encl. top (IEC 60890)		98 W
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)		78 W
Heat diss. ambient 35°C delta T: 35°C free stand middle encl. top (IEC 60890)		197 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)		156 W
Heat diss. ambient 35°C delta T: 20°C free stand individ. encl. top (IEC 60890)		119 W
Heat diss. ambient 35°C delta T: 20°C free stand starting encl. top (IEC 60890)		107 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)		106 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)		98 W
Heat diss. ambient 35°C delta T: 35°C free stand individ. encl. top (IEC 60890)		238 W
Heat diss. ambient 35°C delta T: 35°C free stand starting encl. top (IEC 60890)		215 W
Heat diss. ambient 35°C delta T: 35°C wall mount individ. encl. top (IEC 60890)		213 W
Heat diss. ambient 35°C delta T: 35°C wall mount starting encl. top (IEC 60890)		196 W

Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890		0 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		Met; assembled and secured as per the latest applicable instruction leaflet.
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 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		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.
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
Fitted with:		Door
Functions		Basic device
RAL-number		7035
Suitable for		Metrical mounting

Technical data ETIM 9.0

Cabinet enclosures (EG000011) / Enclosure/cabinet (empty) (EC000261)		
Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet, Empty enclosures (ecl@ss13-27-18-01-01 [AGZ056021])		
Width	mm	430
Height	mm	2090
Depth	mm	350
Material		Steel
Material quality		Other
Surface finishing		Powder coating
Colour		Grey
RAL-number		7035
Freestanding		Yes
Floor standing wall model		No
Suitable for wall mounting		No
Corner model		No
Intermediate mounting		No
Couplable		No
With mounting plate		No
Mounting plate depth-adjustable		No
Suitable for wall built-in		No
Pole fastening		No
With door		Yes
Number of doors		1
With glazed door		No

With ventilation door			No
With rear door			No
Number of locks			0
With cover			No
Transparent cover			No
Suitable for metrical mounting			Yes
Suitable for outdoor set-up			No
Pitched roof			No
Number of connector holes			0
Pre-stamping			No
EMC-version			Yes
Impact strength			IK10
Degree of protection (IP)			IP55
Degree of protection (NEMA)			Other
Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890		W	0
Max. permissible load of the enclosure according to IEC 62208		N	0
Max. permissible load of the door(s) according to IEC 62208		N	0
Max. permissible load of the mounting plate according to IEC 62208		N	0