

Floor standing distribution board, flexible surface mounting, W = 1000 mm, H = 1760 mm, D = 300 mm



Part no. **BP-F-1000/17/3-F**

120691

EL Number
(Norway)

2460967

General specifications		
Product name		Eaton xEnergy Basic empty enclosure
Part no.		BP-F-1000/17/3-F
EAN		4015081185214
Product Length/Depth		315 millimetre
Product height		1780 millimetre
Product width		1015 millimetre
Product weight		43.5 kilogram
Compliances		RoHS conform
Product Tradename		xEnergy Basic
Product Type		Empty enclosure
Product Sub Type		None
Delivery program		
Type		Basic device
Application		Indoor (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		Sheet steel Steel
Degree of protection		IK08 (impact resistance) IP30 Other
Number of connector holes		0
Number of covers/doors		2
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
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)		216 W
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)		204 W
Heat diss. ambient 35°C delta T: 35°C free stand middle encl. top (IEC 60890)		434 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)		410 W
Heat diss. ambient 35°C delta T: 20°C free stand individ. encl. top (IEC 60890)		227 W
Heat diss. ambient 35°C delta T: 20°C free stand starting encl. top (IEC 60890)		221 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)		206 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)		203 W
Heat diss. ambient 35°C delta T: 35°C free stand individ. encl. top (IEC 60890)		456 W
Heat diss. ambient 35°C delta T: 35°C free stand starting encl. top (IEC 60890)		444 W
Heat diss. ambient 35°C delta T: 35°C wall mount individ. encl. top (IEC 60890)		413 W
Heat diss. ambient 35°C delta T: 35°C wall mount starting encl. top (IEC 60890)		407 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			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-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			Mounting plate depth-adjustable 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	1015
Height		mm	1780
Depth		mm	315
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			Yes
Suitable for wall built-in			No
Pole fastening			No
With door			Yes
Number of doors			2
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			IK08
Degree of protection (IP)			IP30
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