

Surface-mount installation distribution board with rotary lever, IP55,
HxWxD=1260x800x270mm



Part no. **BPM-O-800/12-P**

116666

EL Number

2460519

(Norway)

Product name	Eaton xEnergy Basic small distribution board
Part no.	BPM-O-800/12-P
EAN	4015081164110
Product Length/Depth	300 millimetre
Product height	1290 millimetre
Product width	830 millimetre
Product weight	40.3 kilogram
Compliances	RoHS conform
Product Tradename	xEnergy Basic
Product Type	Small distribution board
Product Sub Type	None
Type	Basic device
Application	Moisture-proof (installation site)
Color	Light gray (RAL 7035) Gray
Closure type	Other
Surface finishing	With powder coating
Enclosure material	Steel
Width in number of modular spacings	35
Mounting method	Surface mounted (plaster) Surface mounting
Material	Sheet steel
Degree of protection	IP55
Number of rows	7
Built-in depth	300 mm
Built-in height	1290 mm
Built-in width	830 mm
Internal depth	265 mm
Cover/door model	Closed
Cover/door type	Door Rotary lever
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)	116 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)	234 W
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	135 W
Heat diss. ambient 35°C delta T:20°C wall mount starting encl. top (IEC 60890)	130 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	270 W
Heat diss. ambient 35°C delta T:35°C wall mount starting encl. top (IEC 60890)	260 W
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 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.
Features			EMC-version
Functions			Basic device Extension possible
RAL-number			7035

Technical data ETIM 8.0

Distribution boards (EG000023) / Small distribution board (EC000214)			
Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecl@ss10.0.1-27-14-24-09 [ACN387011])			
Mounting method			Surface mounted (plaster)
Number of rows			7
Width in number of modular spacings			35
Type of cover			Door
Cover model			Closed
Transparent cover/door			No
Material housing			Steel
Height		mm	1,290
Width		mm	830
Depth		mm	300
Built-in depth		mm	300
Built-in height		mm	1,290
Built-in width		mm	830
Internal depth		mm	265
Earthing terminal block			No
Neutral terminal block			No
DIN-rail			No
With mounting plate			No
Extension possible			Yes
EMC-version			Yes
Colour			Grey
RAL-number			7,035
Degree of protection (IP)			IP55
With lock			No
Type of closure			Other
Signal passing door			No