

Surface-mount installation distribution board with rotary lever, IP55,  
HxWxD=1060x800x270mm



Part no. **BPM-O-800/10-P**

**116665**

EL Number  
(Norway)

**2460518**

General specifications		
Product name		Eaton xEnergy Basic small distribution board
Part no.		BPM-O-800/10-P
EAN		4015081164103
Product Length/Depth		300 millimetre
Product height		1090 millimetre
Product width		830 millimetre
Product weight		36 kilogram
Compliances		RoHS conform
Product Tradename		xEnergy Basic
Product Type		Small distribution board
Product Sub Type		None
Delivery program		
Type		Basic device
Application		Moisture-proof (installation site)
Color		Gray Light gray (RAL 7035)
Technical Data - Mechanical		
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		6
Built-in depth		300 mm
Built-in height		1090 mm
Built-in width		830 mm
Internal depth		265 mm
Cover/door model		Closed
Cover/door type		Rotary lever Door Single
Temperature-rise verification as per IEC 60890		
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)		98 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)		196 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)		114 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)		104 W
Heat diss. ambient 35°C delta T: 35°C wall mount individ. encl. top (IEC 60890)		228 W
Heat diss. ambient 35°C delta T: 35°C wall mount starting encl. top (IEC 60890)		210 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		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 <sub>i</sub> = 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.
<b>Additional information</b>		
Features		EMC-version
Functions		Basic device Extension possible
RAL-number		7035

## Technical data ETIM 9.0

Distribution boards (EG000023) / Small distribution board (EC000214)		
Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (including small distribution board) / Small distribution board (ec1@ss13-27-14-24-09 [ACN387016])		
Mounting method		Surface mounted
Number of rows		6
Width in number of modular spacings		35
Type of covering		Door
Cover model		Closed
Type of door		Single
Transparent cover/door		No
Signal passing door		No
With lock		No
Type of closure		Other
Housing material		Steel
Built-in depth	mm	300
Built-in height	mm	1090
Built-in width	mm	830
Inner depth	mm	265
Earthing terminal block		No
Neutral terminal block		No
DIN-rail		No
With mounting plate		No
Extension possible		Yes
EMC-version		Yes
UV resistant		No
Colour		Grey
RAL-number		7035
Degree of protection (IP)		IP55
Height	mm	1090
Width	mm	830
Depth	mm	300

