

Surface-mounted installation distribution board with rotary lever, IP55,
HxWxD=1060x400x270mm



Part no. **BPM-O-400/10-P**
116655
EL Number **2460508**
(Norway)

General specifications		
Product name		Eaton xEnergy Basic small distribution board
Part no.		BPM-O-400/10-P
EAN		4015081164004
Product Length/Depth		300 millimetre
Product height		1090 millimetre
Product width		430 millimetre
Product weight		28 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		Light gray (RAL 7035) Gray
Technical Data - Mechanical		
Closure type		Other
Surface finishing		With powder coating
Enclosure material		Steel
Width in number of modular spacings		13
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		430 mm
Internal depth		265 mm
Cover/door model		Closed
Cover/door type		Door Rotary lever Single
Temperature-rise verification as per IEC 60890		
Heat diss. ambient 35°C delta T: 20°C wall mount middle encl. top (IEC 60890)		62 W
Heat diss. ambient 35°C delta T: 35°C wall mount middle encl. top (IEC 60890)		125 W
Heat diss. ambient 35°C delta T: 20°C wall mount individ. encl. top (IEC 60890)		60 W
Heat diss. ambient 35°C delta T: 20°C wall mount starting encl. top (IEC 60890)		69 W
Heat diss. ambient 35°C delta T: 35°C wall mount individ. encl. top (IEC 60890)		119 W
Heat diss. ambient 35°C delta T: 35°C wall mount starting encl. top (IEC 60890)		139 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 _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
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 (ecI@ss13-27-14-24-09 [ACN387016])			
Mounting method			Surface mounted
Number of rows			6
Width in number of modular spacings			13
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	430
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	430
Depth		mm	300

