

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. |

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| 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

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|---|----|-----------------|
| 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 |

