



**Floor-standing distribution board without door, IP55,  
HxWxD=1760x1000x320mm**

**Part no. BPM-F-1000/17-F  
Catalog No. 174370**

**EL-Nummer 0002455731  
(Norway)**

### Delivery program

|                      |  |    |                                   |
|----------------------|--|----|-----------------------------------|
| Mounting type        |  |    | Floor standing distribution board |
| Material             |  |    | Sheet steel                       |
| Installation site    |  |    | Moisture-proof                    |
| Degree of Protection |  |    | IP55                              |
| Surface finish       |  |    | With powder coating               |
| Width                |  | mm | 1000                              |
| Depth                |  | mm | 320                               |
| Height               |  | mm | 1760                              |
| Colour               |  |    | light gray (RAL 7035)             |

### Design verification as per IEC/EN 61439

|   |                |   |  |
|---|----------------|---|--|
| Technical data for design verification  |                |   |  |
| Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890 |                |   |  |
| Individual enclosure, free-standing   | P <sub>V</sub> | W | 234  |
| Starting enclosure, free-standing   | P <sub>V</sub> | W | 228  |
| Middle enclosure, free-standing   | P <sub>V</sub> | W | 222  |
| Individual enclosure for wall mounting  | P <sub>V</sub> | W | 212  |
| Starting enclosure for wall mounting  | P <sub>V</sub> | W | 209  |
| Middle enclosure for wall mounting  | P <sub>V</sub> | W | 215  |
| Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890 |                |   |  |
| Individual enclosure, free-standing   | P <sub>V</sub> | W | 470  |
| Starting enclosure, free-standing   | P <sub>V</sub> | W | 457  |
| Middle enclosure, free-standing   | P <sub>V</sub> | W | 445  |
| Individual enclosure for wall mounting  | P <sub>V</sub> | W | 425  |
| Starting enclosure for wall mounting  | P <sub>V</sub> | W | 418  |
| Middle enclosure for wall mounting  | P <sub>V</sub> | W | 431  |
| IEC/EN 61439 design verification  |                |   |  |
| 10.2 Strength of materials and parts  |                |   |  |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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  |                |   |  |
|   |                |   | 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 Insulation properties                               |  |  |
| 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.   |

## Technical data ETIM 7.0

|  |    |                |
|--|----|----------------|
| Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)  |    |                |
| Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet (ecl@ss10.0.1-27-18-01-01 [AGZ056016]) |    |                |
| Width  | mm | 1000           |
| Height   | mm | 1760           |
| Depth  | mm | 320            |
| Material   |    | Steel          |
| Material quality   |    | Other          |
| Surface finishing  |    | Powder coating |
| Colour   |    | Grey           |
| RAL-number   |    | 7035           |
| With mounting plate  |    | No             |
| Mounting plate depth-adjustable  |    | No             |
| Number of locks  |    | 0              |
| Floor installation possible  |    | Yes            |
| Wall fastening possible  |    | No             |
| Wall build in  |    | No             |
| Pole fastening   |    | No             |
| Tackable   |    | Yes            |
| Number of doors  |    | 0              |
| Suitable for metrical mounting   |    | No             |
| Suitable for outdoor set-up  |    | No             |
| Pitched roof   |    | No             |
| EMC-version  |    | No             |
| With glazed door   |    | No             |
| With ventilation door  |    | No             |
| With backside door   |    | No             |
| Impact strength  |    | IK10           |
| Degree of protection (IP)  |    | IP55           |
| Degree of protection (NEMA)  |    |                |