

Floor standing distribution board with three-point turn-lock, W = 400 mm, H = 2060 mm, D = 300 mm



Part no. **BP-F-400/20/3**

Catalog No. **102056**

**EL-Nummer
(Norway)** **2459173**

Delivery program

| | | | |
|----------------------|-----------------------------------|------|--|
| Mounting type | Floor standing distribution board | | |
| Material | Sheet steel | | |
| Door interlock | Three-point turn-lock | | |
| Installation site | Indoor | | |
| Degree of Protection | IP30 | | |
| Surface finish | With powder coating | | |
| Width | mm | 400 | |
| Depth | mm | 300 | |
| Height | mm | 2060 | |
| 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 _V | W | 113 |
| Starting enclosure, free-standing | P _V | W | 103 |
| Middle enclosure, free-standing | P _V | W | 95 |
| Individual enclosure for wall mounting | P _V | W | 101 |
| Starting enclosure for wall mounting | P _V | W | 87 |
| Middle enclosure for wall mounting | P _V | W | 74 |
| 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 _V | W | 226 |
| Starting enclosure, free-standing | P _V | W | 206 |
| Middle enclosure, free-standing | P _V | W | 190 |
| Individual enclosure for wall mounting | P _V | W | 202 |
| Starting enclosure for wall mounting | P _V | W | 175 |
| Middle enclosure for wall mounting | P _V | W | 148 |
| 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 | | | IK07 |
| 10.2.7 Inscriptions | | | Meets the product standard's requirements. |
| 10.3 Degree of protection of ASSEMBLIES | | | IP30 |
| 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 _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. |

Technical data ETIM 8.0

Cabinet enclosures (EG000011) / Enclosure/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 | 415 |
| Height | mm | 2080 |
| Depth | mm | 315 |
| Material | | Steel |
| Material quality | | Other |
| Surface finishing | | Powder coating |
| Colour | | Grey |
| RAL-number | | 7035 |
| Detached | | Yes |
| Floor standing/wall model | | No |
| Suitable for wall mounting | | No |
| Corner model | | No |
| Intermediate mounting | | No |
| Connectable | | No |
| With mounting plate | | No |
| Mounting plate depth-adjustable | | Yes |
| Suitable for wall built-in | | No |
| Pole fastening | | No |
| Number of doors | | 1 |
| Number of locks | | 1 |
| Suitable for metrical mounting | | Yes |
| Suitable for outdoor set-up | | No |
| Pitched roof | | No |
| EMC-version | | Yes |
| With glazed door | | No |
| With ventilation door | | No |
| With backside door | | No |
| Impact strength | | IK08 |
| Degree of protection (IP) | | IP30 |
| Degree of protection (NEMA) | | Other |
| Thermal dissipation (Delta T = 20 K) according to IEC/TR 60890 | W | 0 |
| Max. permissible load of the enclosure according to IEC 62208 | N | 0 |
| Max. permissible load of the door(s) according to IEC 62208 | N | 0 |
| Max. permissible load of the mounting plate according to IEC 62208 | N | 0 |