



Surface-mount service distribution board with three-point turn-lock, mounting side panel, W = 600 mm, H = 460 mm

Part no. BP-O-600/4-MSW
Catalog No. 149151
Alternate Catalog No. BP-O-600-4-MSW
EL-Nummer (Norway) 0002455328

Delivery program

| | | | |
|----------------------|--|----|-----------------------|
| Mounting type | | | Surface mounted |
| Material | | | Sheet steel |
| Door interlock | | | Three-point turn-lock |
| Installation site | | | Indoor |
| Degree of Protection | | | IP30 |
| Surface finish | | | With powder coating |
| Width | | mm | 600 |
| Depth | | mm | 262 |
| Height | | mm | 460 |
| Colour | | | light gray (RAL 7035) |
| applicable for | | | MSW |

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 for wall mounting | P _V | W | 53 |
| Starting enclosure for wall mounting | P _V | W | 50 |
| Middle enclosure for wall mounting | P _V | W | 48 |
| 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 for wall mounting | P _V | W | 107 |
| Starting enclosure for wall mounting | P _V | W | 101 |
| Middle enclosure for wall mounting | P _V | W | 96 |
| 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 | | | Does not apply to enclosures without lifting aids. |
| 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 7.0

Distribution boards (EG000023) / Small distribution board (EC000214)

Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ec1@ss10.0.1-27-14-24-09 [ACN387011])

| | | | |
|-------------------------------------|--|----|---------------------------|
| Mounting method | | | Surface mounted (plaster) |
| Number of rows | | | 2 |
| Width in number of modular spacings | | | 24 |
| Type of cover | | | Door |
| Cover model | | | Closed |
| Transparent cover/door | | | No |
| Material housing | | | Steel |
| Height | | mm | 460 |
| Width | | mm | 600 |
| Depth | | mm | 262.5 |
| Built-in depth | | mm | 185 |
| Internal depth | | mm | 257.5 |
| DIN-rail | | | No |
| With mounting plate | | | No |
| Extension possible | | | Yes |
| EMC-version | | | Yes |
| Colour | | | Grey |
| RAL-number | | | 7035 |
| Degree of protection (IP) | | | IP30 |
| With lock | | | No |
| Type of closure | | | Other |