**Features**
- Hybrid protection technology
- Extremely low leakage current
- Heavy duty surge protection
- LED indicators
- Compact form factor
- Indoor or outdoor installation

**Applications**
- Service entrance, branch and OEM panels
- Electrical infrastructures
- Equipment and systems
- Protection from lightning
- Protection from AC power-induced problems

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**1202 Series Hardwired AC Hybrid Surge Protective Device (H-SPD)**

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**General Information**
The Bourns® Model 1202 Series is a Type 1 hardwired hybrid surge protective device targeted for AC infrastructure applications. The hybrid Model 1202 design combines fast responding MOV technology with low leakage GDT technology resulting in reliable and long-term performance.

**Agency Listing**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Standard</th>
<th>Agency File No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL</td>
<td>1449 - 4th Ed., Type 1</td>
<td>E313168</td>
</tr>
</tbody>
</table>

---

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Model No.</th>
<th>1202-120S</th>
<th>1202-240S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Distribution System (Phase)</td>
<td></td>
<td>120 VAC Single</td>
<td>120 / 240 VAC Single/Split</td>
</tr>
<tr>
<td>Nominal (Operating) Voltage</td>
<td></td>
<td>120 VAC</td>
<td>120 / 240 VAC</td>
</tr>
<tr>
<td>Maximum Operating Voltage</td>
<td>MCOV</td>
<td>150 VAC</td>
<td></td>
</tr>
<tr>
<td>Temporary Overvoltage Withstand</td>
<td>UT</td>
<td>150 VAC</td>
<td></td>
</tr>
<tr>
<td>Nominal Discharge Current in 15 Applications of 8/20 µs Impulse Waveform</td>
<td>In</td>
<td>10 kA</td>
<td></td>
</tr>
<tr>
<td>Overvoltage Protection Rating (3 kA)</td>
<td>Vpr</td>
<td>1200 VAC</td>
<td></td>
</tr>
<tr>
<td>Short Circuit Current Rating</td>
<td>Isccr</td>
<td>25 kA @ 230 VAC</td>
<td></td>
</tr>
</tbody>
</table>

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**Mechanical Characteristics**
- Enclosure: UL 94 5VA rated Polyphenylene/Polystyrene
- Environmental Rating: IP 66 / NEMA 4x
- Mounting: Bulkhead
- Weight: 0.5 lbs.
- Disconnection Indicator: LED off
- Electrical Connection: 12 AWG solid wiring leads, 24 inches max. length
- Mechanical Connection to Panel: Straight nipple with nut for mounting through 1/2-inch Trade Size knockout; 1/2-inch Trade Size knockout is approximately 0.875 inch

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**Environmental Characteristics**
- Operating Temperature: -40 °C to +85 °C
- Moisture Sensitivity Level: 1
- ESD Classification (HBM): 6

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**How To Order**

1202 - xxxx

**Series**

<table>
<thead>
<tr>
<th>Nominal (Operating) Voltage</th>
<th>120S = 120 VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>240S = 120/240 VAC</td>
<td></td>
</tr>
</tbody>
</table>

**Packaging Specifications**

1202 Series ………………..one unit per box

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**WARNING** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Specifications are subject to change without notice.
Users should verify actual device performance in their specific applications.
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1202 Series  Hardwired AC Hybrid Surge Protective Device (H-SPD)

**Product Dimensions**

![Dimensions Diagram]

**Wiring and Protection Modes**

![Wiring Diagram]

Model 1202-120S = 1 Hot, 1 Neutral, 1 Ground  
Model 1202-240S = 2 Hot, 1 Neutral, 1 Ground

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