Commercial grade SurgeBloc® SPD receptacles

**Description**
- 2-pole, 3-wire grounding
- 15A, 125 V/AC; 20A, 125V/AC
- NEMA 5-15R & 5-20R
- 170J/150V/AC RMS
- 12kA per mode

**Design features**
- Provides surge protection for hot to neutral, hot to ground and neutral to ground (L -N, L -G, N-G)
- Exclusive patented replaceable module restores expired surge protection without interruption of power or need to remove and rewire device
- Audible alarm signals when surge protection has expired
- Grounding system fully isolated from common building ground (applies to Isolated Ground only)
- Noise protection against EMI and RFI standard
- High impact-resistant thermoplastic mounting strap
- Automatic ground will insure wallplate grounding in properly grounded metal enclosure
- Standard 6” (152.4mm) leads, stripped 0.50” (12.7mm)
- Green LED indicators to verify surge protection and ground

**Compliance**
- Effective November 2017

**Table 1. Commercial specification grade duplex receptacle**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Rating A</th>
<th>V/AC</th>
<th>NEMA</th>
<th>Color Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>1208</td>
<td>Commercial grade, duplex receptacle</td>
<td>15</td>
<td>125</td>
<td>5-15R</td>
<td>V, W</td>
</tr>
<tr>
<td>1210</td>
<td>Commercial grade, duplex receptacle</td>
<td>20</td>
<td>125</td>
<td>5-20R</td>
<td>V, W</td>
</tr>
</tbody>
</table>

340 Joules, max. surge current - 12kA per mode

**Table 2. Receptacle, isolated ground**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Rating A</th>
<th>V/AC</th>
<th>NEMA</th>
<th>Color Suffix</th>
</tr>
</thead>
<tbody>
<tr>
<td>IG1208</td>
<td>IG commercial grade, duplex receptacle</td>
<td>15</td>
<td>125</td>
<td>5-15R</td>
<td>V, W</td>
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<td>IG commercial grade, duplex receptacle</td>
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<td>125</td>
<td>5-20R</td>
<td>V, W</td>
</tr>
</tbody>
</table>

340 Joules, max. surge current - 12kA per mode

**Table 3. Replacement module**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Color Suffix</th>
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</thead>
<tbody>
<tr>
<td>1209</td>
<td>Replacement module</td>
<td>BL, GY, V, W</td>
</tr>
</tbody>
</table>
Applications

SurgeBloc® SPD duplex receptacles provide point-of-use, hard-wired protection for electronic equipment used on 15A and 20A 125V branch circuits. Both receptacles offer replaceable modules with audible alarm and are available in conventional ground and isolated ground (IG) versions.

Application Locations:
- Office buildings
- Schools
- Institutions
- Residential homes
- Retail
- Medical offices
- Computer facilities
- Commercial facilities

Table 4. Specifications

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Series 1208 and 1210 SurgeBloc® SPD duplex receptacles</th>
</tr>
</thead>
</table>

**Device Type**
- Commercial Grade SurgeBloc® SPD Receptacles

**Wiring type**
- 6" wire leads

**Testing & code compliance**
- Listed to UL1449 and UL498, file no. E15058
- CSA certified to C22.2, no. 42, file no. 6914

**Environmental specifications**
- Flammability: Meets UL94 requirements; V2 rated
- Temperature rating: -20°C to 40°C (-4°F to 104°F)

**Electrical specifications**
- Voltage protection rating: L-N & L-G modes: 600V pk, N-G mode: 1000V pk
- Surge performance: 340 Joules MCOV - 127V/AC RMS; max. surge current: 12kA per mode
- Dielectric voltage: Withstands 2000V per UL498
- Current interrupting: Yes, at full-rated current
- Temperature rise: Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)

**Mechanical specifications**
- Terminal accommodation: 6" #12 AWG pre-stripped wire leads
- Green LED indicators: N/A
- Alarm: Audible, indicates compromised connection or surge protection has expired
- Voltage ratings: Permanently marked on device

Table 5. Materials

<table>
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<tr>
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</tr>
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</table>

**Top housing**
- Polycarbonate

**Bottom housing**
- Polycarbonate

**Strap**
- Polycarbonate

**Line contacts**
- 0.030” triple wipe brass

**Terminal & ground screws**
- N/A

Table 6. Color Ordering Information

For ordering devices, include Cat. No. followed by the color code: V (Ivory), W (White), B (Blue)

Compliances, specifications and availability are subject to change without notice.
Product Dimensions

Figure 1. 1208

Certifications & Compliances

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>cULus</th>
<th>cRUs</th>
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<tbody>
<tr>
<td>1208</td>
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<td>IG1208</td>
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KEY: cULus  cRUs

Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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