Optimal surge protection for light commercial and residential applications

Product description:
Eaton’s Bussmann™ series SurgePOD™ PRO is a Type 1 UL® Listed 1449 4th Edition Surge Protective Device (SPD) suitable for installation on the loadside or lineside of the service entrance overcurrent protective device.

The SurgePOD PRO is available in popular voltage and system specific versions to match common residential and light commercial electrical system and equipment requirements.

Features and benefits:
- Type 1 UL 1449 4th Edition Listed SPDs are easily selected and installed on the loadside or lineside of the service entrance overcurrent protective device.
- Voltage specific models precisely match and protect electrical systems and equipment better than “one-size-fits-all” SPDs.
- Compact UV resistant NEMA® 4X enclosure for indoor or outdoor installation.
- easyID™ LED indicator provides surge protection status at a glance.
Specifications

- Type 1 SPD for light commercial and residential applications 120 to 600 Vac
- 200 kA SCCR
- Single-phase, split-phase, Wye, and Delta systems
- Two-year warranty

<table>
<thead>
<tr>
<th>Catalog number</th>
<th>Nominal system voltage</th>
<th>System type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPP40SP1120SN</td>
<td>120</td>
<td>Single-phase 2 wire</td>
</tr>
<tr>
<td>SPP40SP2240PN</td>
<td>240</td>
<td>Split-phase 3 wire</td>
</tr>
<tr>
<td>SPP40SP3240DLG</td>
<td>240</td>
<td>Three-phase Delta 3 wire + G</td>
</tr>
<tr>
<td>SPP40SP3240DLG</td>
<td>480</td>
<td>Three-phase Delta 3 wire + G</td>
</tr>
<tr>
<td>SPP40SP3208WYG</td>
<td>208</td>
<td>Three-phase Wye 3 wire + G</td>
</tr>
<tr>
<td>SPP40SP3480WYG</td>
<td>480</td>
<td>Three-phase Wye 3 wire + G</td>
</tr>
<tr>
<td>SPP40SP3600WYG*</td>
<td>600</td>
<td></td>
</tr>
</tbody>
</table>

* Not CSA Certified.

**SurgePOD PRO**

**Color**

Grey

**Markets**

Residential, light commercial and UL 508A panels

**Systems types**

Single, Delta and Wye

**Nominal systems voltage**

120, 208, 240, 480, 600 Vac

**Maximum continuous operating AC voltage**

Matched to nominal voltage

**MCOV [Vc]**

(150 to 550 Vac)

**Installation**

2, 3, 4 connection points

**N-G protection**

No

**Protection from**

Serve a transient

**SCCR**

200 kA

**Nominal discharge current (8x20ups) Iₙ**

10 kA

**Max. discharge current (8x20ups) I_max**

40 kA

**Response time tₜ**

<25ns

**Frequency**

50/60 Hz

**Operating status / fault length**

One bi-colored LED— green (good)/red (replace)

**Conductor gauge / length**

10 AWG stranded copper/18 inches

**Mounting**

Chase nipple / bracket (bracket customer supplied)

**Enclosure rating**

NEMA 4X - UL 94-5VA

**Degree of protection (installed state)**

IP20 (finger-safe)

**SPD install location**

Indoor/outdoors

**Circuit location**

Lineside/loadside of service entrance overcurrent protective device

**Standards / agency information**

UL Listed 1449 4th Edition Type 1 SPD, CSA Certified, RoHS compliant

**Operating temperature**

-40°C to + 65°C

**Operating altitude**

12,000 feet

**Product warranty**

2 years*

See data sheet No.10033 for additional information.

*See Eaton SPD limited warranty statement (3A1502) for details at Eaton.com/bussmannseries.

**easyID™ LED status indicator**

Standard on the SurgePOD PRO, the easyID™ LED status indicator will always illuminate when the unit is properly installed and the system or equipment being protected is energized. The following LED colors indicate:

- **Green LED = good**
  Circuit is energized and protected.

- **Red LED = replace**
  Circuit is energized and unprotected. Unit needs replacing.

- **LED is out/unlit**
  • Circuit is most likely deenergized.
  • Unit’s leads are disconnected.
  • Unit is damaged.

* Authorized personnel should follow all prescribed lockout/tag out and safety procedures in troubleshooting the cause for the above conditions. Opening the SPD enclosure will void UL and warranty.

For Eaton’s Bussmann series product information, call 1-855-287-7626 or visit: Eaton.com/bussmannseries

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