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## SPD Selection Chart Suggestions for **SSI SpecPRO**

*(Based on SPD Peak Surge Current ratings per Panel Amperages, Locations, Type & Equipment being protected)*

### **Panels up to 600amps** Panel Type: Branch Panel

**Model: SSMx6-SSMx8** Peak Surge Current: 60-80kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx6-CSMx8** Peak Surge Current: 60-80kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 1200amps** Panel Type: Branch Panel

**Model: SSMx12-SSMx16** Peak Surge Current: 120-160kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx12-CSMx16** Peak Surge Current: 120-160kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 2000amps** Panel Type: Distribution

**Model: SSMx20-SSMx24** Peak Surge Current: 200-240kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx20-CSMx24** Peak Surge Current: 200-240kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 3000amps** Panel Type: Light Service/Distribution

**Model: SSMx28-SSMx32** Peak Surge Current: 280-320kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx28-CSMx32** Peak Surge Current: 280-320kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 4000amps** Panel Type: Light Service/Distribution

**Model: SSMx36-SSMx40** Peak Surge Current: 360-400kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx36-CSMx40** Peak Surge Current: 360-400kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 5000amps** Panel Type: Intermediate Service/Distribution

**Model: SSMx44-SSMx48** Peak Surge Current: 440-480kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx44-CSMx48** Peak Surge Current: 440-480kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 6000amps Low Lightning Exposure** Panel Type: Heavy Service Entrance/Switchboard

**Model: SSMx52** Peak Surge Current: 520kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx52** Peak Surge Current: 520kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 6000amps Medium Lightning Exposure**

Panel Type: Heavy Service Entrance/Switchboard

**Model: SSMx56** Peak Surge Current: 560kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx56** Peak Surge Current: 560kA Per Phase (3 phase Wye) Sine-Wave Tracking

### **Panels up to 6000amps High Lightning Exposure**

Panel Type: Heavy Service Entrance/Switchboard

**Model: SSMx60** Peak Surge Current: 600kA Per Phase (3 phase Wye) Standard Clamping

**Model: CSMx60** Peak Surge Current: 600kA Per Phase (3 phase Wye) Sine-Wave Tracking

**NOTE:** *This information is provided as a guideline only for suggested applications. Additional factors may influence selection of SPDs.*