


# Surge Protective Devices (SPD's) Selection Flow Chart

**\*ALL SECTIONS SHOULD BE CHECKED TO ENSURE PROTECTION OF ALL EQUIPMENT**

Is the Mains Incoming Power supplied by overhead power line and / or, does the building have a Lightning Protection System (LPS) installed?

**NO** →


**YES** → Type I, Class I 10/350 SPD's are required e.g:-  
(Single Phase) – [T1SP1/12.5/25/230R](#)  
or  
(Three Phase) [T1SP3/12.5/50/230R](#)



Is there sensitive electronic equipment in the building e.g. PC's, Servers, Routers, Fax, Telecom equipment etc?

**NO** →


**YES** → Type II, Class II 8/20 SPD's are also required e.g.  
[DSP Series](#) or [SPM Series](#)



Is there a requirement for 'redundant two stage' back up surge protection?

**NO** →


**YES** → Type II, Class II 8/20 DSP Series SPD's are required e.g:-  
(Single Phase) [DSP1/600](#)  
or  
(Three Phase) [DSP3/600](#)



Is there a requirement for surge protection modules to be 'hot wire' replaceable?

**NO** →


**YES** → Type II, Class II 8/20 SPM Series SPD's are required e.g:-  
(Single Phase) [A1SPM/40/230N](#)  
or  
(Three Phase) [A3SPM/40/230N](#)



Is there a requirement for 'Fine' local Plug-In protection?

**NO** →

**YES** → Type III Class III SPD's are required e.g:-  
[Surge Protected Adaptors](#), [Socket Strips](#) and  
[T3SP1/1.5/3.0/230S](#)



Is surge protection already installed at all incoming and outgoing Telecom and Datacom points entering and leaving the building?

**NO** →

**YES** → Data and Telecom line SPD's are required e.g:-  
[DBP Series](#) or [TLP Series](#)

