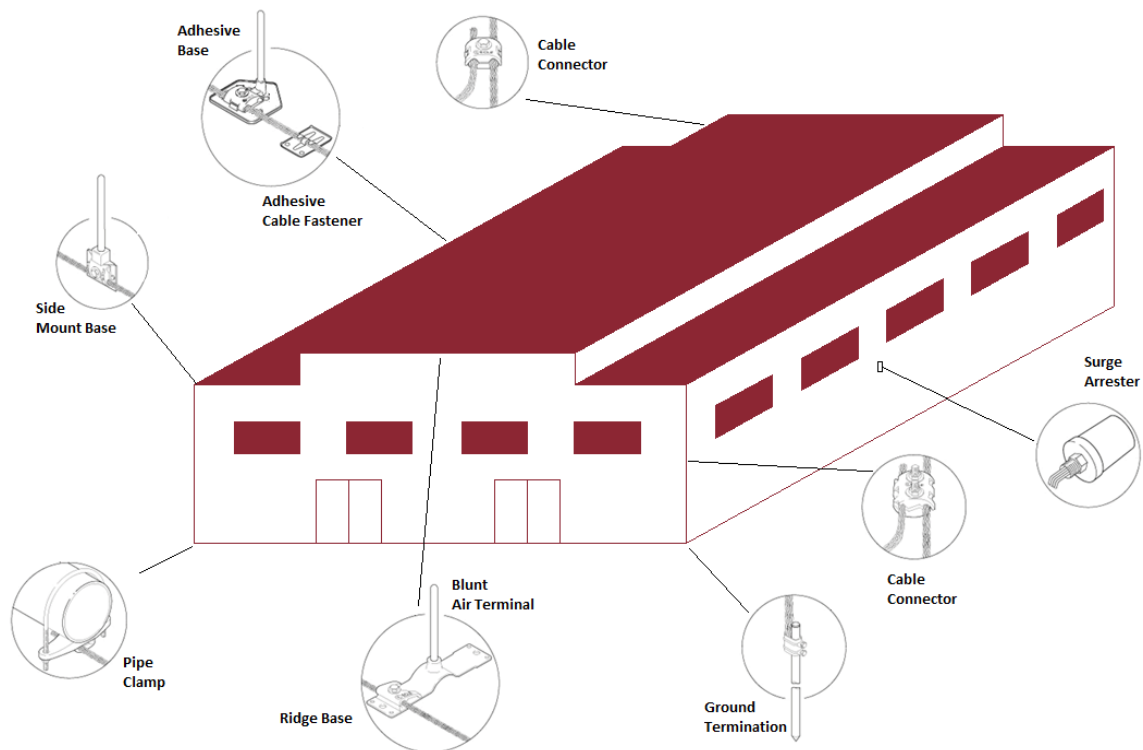


LIGHTNING PROTECTION INSTALLATION

Power Systems & Controls has the experience to help protect your critical facility from lightning strikes utilizing the latest industry codes and standards, including: National Fire Protection Association (*NFPA*), Underwriters Laboratories (*UL*), *IEC*, *IEEE*, and *FAA*. Many of our competitors' reference codes and standards that are incomplete, which is why we only follow the most stringent federal regulations that are supported by background engineering and proven experience.



Lightning Protection Systems are vital for commercial, government, and industrial facilities as lightning is the leading cause of fire in the United States with a single bolt carrying more than 30 million volts of electricity. The financial consequences of this raw power are being felt as lightning is causing billions in losses annually in terms of destruction of property, business interruption, and injury.

A properly installed **Lightning Protection System** will provide an enhanced grounding network for lightning's destructive electricity as it is directed safely into the ground, leaving the building, occupants and contents unharmed. Not all lightning protection systems are the same; however, they all will utilize the same layered approach to protection and consist of four key components: Air Terminals, Conductors/Bonding, Grounding, and Transient/Surge Protection.