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Ensure effective surge protection by placing SPDs close to the main busbar in building distribution boxes, using short wires, and following code requirements.



Yes, surge protection devices are absolutely required in many modern electrical installations based on specific building codes. Modern electrical infrastructure cannot depend on ...



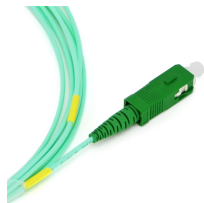
NEC 2023 also introduced Section 409.70, which requires the placement of an SPD to be internal or immediately adjacent to control panels that support personnel protection.



The SPD shall be installed in or adjacent to distribution and service equipment, connected to the load side of the feeder, that contains branch circuit overcurrent protective device (s) that supply the ...



This will mean that any distribution board supplying electrical equipment that would fall in to the definition of a safety service, as described previously, will require an SPD.



The SPD shall not be required to be located at the service equipment as required in 230.67 (B) if located at each next level distribution equipment downstream toward the load.



In this case, panels L1 and M1, which are common area panelboards and not required to include an SPD, present the need to place an SPD in the service equipment if an SPD is not included in these ...



Applying the surge protector to just the main entrance service panel will protect the home from electrical spikes and surges entering the home electrical system from up stream sources ...

Contact Us

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