

Lightning protection level of distribution box



Overview

These levels specify the minimum and maximum lightning current parameters the protection system must manage, based on the statistical probability of a strike's severity. According to the principle of graded lightning protection, and based on the likelihood of a building being struck by lightning, it is necessary to deploy surge protector against lightning in stages to. lightningwaves, and electrostatic damage to protect electrical equipment from lightning strike. It quantifies the degree of risk reduction necessary for a structure and its contents, rather than measuring absolute protection.



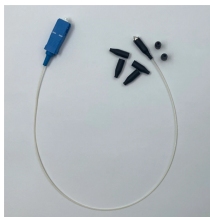
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TRSX series power supply lightning protection boxes are mainly used in meteorology, transportation, post and telecommunications, computer networks, ...



It can be installed next to the distribution box as the second-level protection; information system equipment is more sensitive to surges and electromagnetic interference, and a third-level power ...



Level 3 protection is the final barrier of the system, capable of fully eliminating any transient overvoltage that may occur, ensuring the long-term stable operation of sensitive equipment.



High levels of protection and advanced features including surge counters and performance monitoring, designed to provide the greatest level of protection where surge damage would lead to excessive



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In the main power distribution, use either a type I (external lightning protection available) or type II (no external lightning protection available), while a type II SPD is sufficient in a sub-distribution.



Double-pole arrester in the specification class D for the protection of electrical installations against overvoltage caused by distant lightning strikes or switching operations.



TRSX series power supply lightning protection boxes are mainly used in meteorology, transportation, post and telecommunications, computer networks, electricity, residential distribution boxes, railways ...



Equip your electrical systems with our surge protection devices and mini circuit breakers for maximum safety. Protect against power surges and lightning strikes, ensuring durability and reliability.



Once it has been determined where the SPD units are to be installed, help in determining the surge rating (level of protection) can be found by referencing the panels Ampere rating (see chart below).



In this case, it is not the level of thunderstorm activity that allows the final choice of appropriate surge protective device to be made, but the level of protection of this passive protection.

Contact Us

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