

Product Application

A SPD is used to protect all of the electrical equipment in the power system from lightning over-voltaged, operation over-voltaged, power frequency transient over over-voltaged impact damage to an electrical appliance; the electrical circuit or communication lines because of outside interference peak current or voltage suddently, the surge protector can in a very short time conduct shunt, so as to avoid damage to other equipment surge in the loop; installed front of inverter input and back of inverter output, installed in Parallel the first to play a protective role, the response time in the 25 to 50 nanosecond, with IEC61643-1 EN standards

Product Specification

LWSPD1-(20~100) Series



| Number of Poles | 1P, 2P, 3P ,4P | | |
|--|--------------------------------|-----------|------------|
| Model | LWSPD1-60 | LWSPD1-80 | LWSPD1-100 |
| Rated Operating Voltage (V) | AC220/380 | AC220/380 | AC220/380 |
| Nominal Discharge Current In (KA) | 30 | 40 | 60 |
| Maximum Discharge current I _{max} (KA) | 60 | 80 | 100 |
| Response Time (S) | <25 | <25 | <25 |
| The Cross Section of L/N (mm ²) | 16,25 | 16,25 | 16,25 |
| The Cross Section of PE(mm ²) | 16,25 | 25,35 | 25,35 |
| The Line Section of Communication and Alarm (mm ²) | ≥1.5 | ≥1.5 | ≥1.5 |
| The Current of Fuse of Switch (A) | 63 | 63 | 63,100 |
| Operating Enviromnent (°C) | -40+85 | | |
| Installation | Standard Din Rail 35mm | | |
| Material of Outer Cover | Fiber Glass Reinforced Plastic | | |
| Standard | IEC/EN 61643-1 | | |

Installation diagram

