

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

LWDC40-1000 Series



Number of Poles	2P, 3P
Rated Operating Voltage (V)	DC1000
Nominal Discharge Current In (KA)	20
Maximum Discharge current I _{max} (KA)	40
Response Time (S)	<25
The Cross Section of L/N (mm ²)	10,16
The Cross Section of PE(mm ²)	10,25
The Line Section of Communication and Alarm (mm ²)	≥1.5
The Current of Fuse of Switch (A)	32
Operating Enviroment (°C)	-40+85
Installation	Standard Din Rail 35mm
Material of Outer Cover	Fiber Glass Reinforced Plastic
Standard	IEC/EN 61643-1

Installation diagram

