

LED power supply surge protector HD-LED20B

This product is used for the LED lamps and lanterns of protection and lightning surge pulse. Due to the LED lamps and lanterns for the core of the device is a semiconductor diode, ability is extremely low, even overvoltage, 5-6V is enough to destroy the light bead, so you need to select special lightning protection device for the LED power supply lines to surge overvoltage protection, avoid large area caused by lightning strike the same region, the situation of the LED lamps and the lanterns of the black light, the company developed product has the following characteristics :

1. There are two structures: in parallel and in series. series connection type timely diagnose working state of the lightning protection and change in time so as not to cause secondary lightning lamps;
2. For big surge of absorptive capacity, low residual output, compact appearance, optional water-proof structure, easy installation.

Model	HD-LED20B				
Certification	CE, UL, CB, ROHS				
Nominal working voltage Un	110-277V				
Maximum continuous working voltage Uc	320V				
Withstand impact voltage	20KV (100)				
Nominal discharge current In (8/20 μs)	10KA (100)				
Maximum discharging current I _{max} (8/20 μs)	20KA (10)				
Voltage protection level Up		3KV	6KV	U _{oc}	In
	(N-L) KV	1.2	1.2	1.5	1.8
	(L-PE) KV	1.2	1.2	1.5	1.8
	(N-PE) KV	1.5	1.5	1.5	1.8
Drain current I _r	<5μA				
Response time T _a	≤25ns				
Operating temperature range T _{up}	-40℃至+70℃				
Protection grade	IP67				
Sheathing material	Vo fire-proof engineering plastic				
Mode of connection	In parallel				
Interface mode	Terminal				
External dimension	62*35*22mm				
Fault indication	No				

