POWER SURGE PROTECTOR

(1) Product Description:
This product is designed with artistic outline, easy wire connection and simple installation, simple maintenance, working in a relatively harsh environment and maintaining in a long-term stability. This product is applied to AC / DC front end of power distribution equipment, it can effectively prevent over voltage and over current which are induced by lightning or industrial noise and other factors, and other transient surge voltage on the system or equipment or cause permanent damage or momentarily inter-ruption and other hazards.

◆ The product apply to lightning protection zone: LPZ2 area at the junction with LPZ3 power lines of the lightning surge protection.

◆ With advantage of stable performance, small residual voltage, fast response time and long lifetime.

◆ Core components are selected international brands, they have high reliability.

◆ It is designed with multi-stage protection circuit to make sure the protected equipment more safer.

◆ With temperature control breaker to effectively prevent fires.

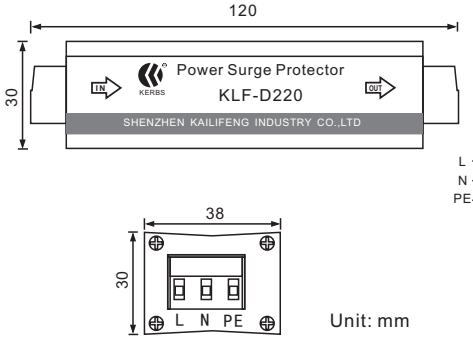
◆ Apply to 220 V power supply lightning surge protection of equipment, such as: Distribution panel, power supply equipment, distribution box, electronic information system ark (such as the fire engine room line), and it is applicable to lightning protection of background music acoustics wire.

(2) Technology parameters:

TYPE	KLF-D220
Protection Class	D
Operating Voltage(Un)	220V
Rated Current	5A
Nominal Discharge Current(8/20μs)(In)	5KA
Voltage Protection Level(Up)	≤1KV
Response Time	<25ns
Leakage current	≤20μA
Working Environment	Temperature −40°C~+70°C;Relative humidity<90%
Protection Mode	L-N,L/+~PE,N/−~PE
Material of Outer Shell	Aluminum alloy
Dimension(L×W×H)	120×30×38mm
Weight	0.11kg

(3) Product installation:
1.The lightning protection devices is installed in series between the power lines and the protected device, the output termination is connected with the protected equipment.
2.All wiring must be solid and connected by electric. SPD grounding line:BVR≥2.5mm^2.
3.Lightning proof grounding should be consistent with lightning protection regulatory requirements, gro-unding wire should be as thick and short as possible, resistance should be less than 4Ω.

(4)Product size chart:



(5) Installation diagram:

Unit: mm