ETHERNET SURGE PROTECTOR

Product Description

The product uses imported advanced circuit with high-quality design, this circuit design layout is reasonable and performance is stable, from the top to bottom, from the over flow to over-voltage all have made a comprehensive protection. Its internal structure is consists of a network data cable and AC power cord two kinds of surge protection solutions, which will ensure it can prevent your systems and equipment from surge damage because of electrostatic discharge or lightning .

- Its performance is excellent and flow capacity is large, which can effectively prevent equipment damage which caused by the power, network and other equipment, the potential difference between the transient increase.
- It has multi-level protection circuit, low residual voltage, and excellent protective effect.
- It has advantage of extremely quick respond, large intake capacity.
- It has an excellent and stable signal transmission performance and a long service life.
- It is suitable for the compound lighting arrester SPD of network cable of Ethernet and supply power.

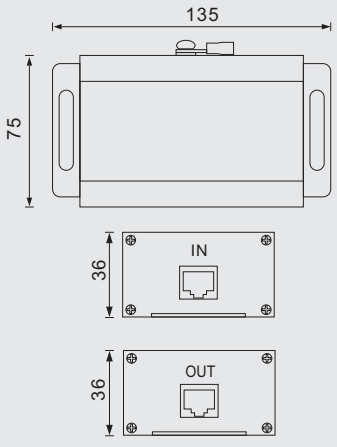
Technology Parameters

Model	KLF-POE-D	
Protection Class	Power	Network Signal
Operating Voltage (Un)	48V	5V
Transmission rate(bps)		100/1000M
Nominal Discharge Current (8/20μ s) (In)	C-X:6KV;X-X(Data):2KV;X-X(power):6KV	
Voltage Protection Level(Up)	C-X≤80V;X-X(Data)≤8V;X-X(Power)≤70V	
Insertion Loss	≤0.2dB	≤0.2dB
Response Time	≤1ns	≤1ns
Protected Core	4/5、7/8	1、2、3、6
Interface Model	RJ45	
Working Environment	Temperature: -40°C~ +80°C; Relative humidity<95%	
Dimension(L×W×H)	135×75×36mm	
Weight	0.25kg	

Product Installation

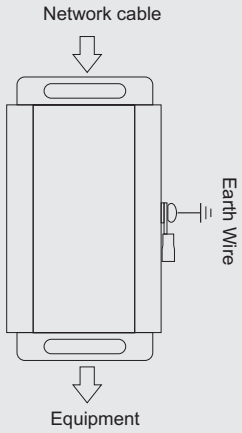
1. This product is installed between signal channel and protected equipment, the output end is connected with protection equipment.
2. All wiring must be solid and be connected by electric.
3. The earth terminal of SPD should be connected to earth ground, ground screw with terminal forks which is applied to connect grounding collection row and earth terminal of SPD, after connecting the ground wire well, be sure to tighten the screws. The grounding line: BVR≥ 2.5mm^2, the length of the ground wire to grounding collection row should be less than 1 m. Lightning proof grounding should be consistent with lightning protection regulatory requirements, grounding wire should be as thick and short as possible, resistance should be less than 4Ω.

Dimension Picture



Unit: mm

Installation Diagram



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