

Signal Surge Protector

POE NETWORK SURGE PROTECTOR

Product Description



The product adopts imported high-quality components to design an advanced circuit, with a design layout that is reasonable and performance is stable. From top to bottom, from over current to over-voltage, all have made comprehensive protection. Its internal structure includes two kinds of surge protection solutions for network data cables and AC power cables, which will ensure it can prevent your systems and equipment from surge damage caused by electrostatic discharge or lightning strikes.

- ◆ The product is designed according to IEC61000-4-4 and IEEE802.3AT standards.
- ◆ Performance is excellent and has a large discharge current, which can effectively prevent equipment damage caused by the potential difference transient increase between the power, network, and other equipment.
- ◆ Adopts a multi-level protection circuit, low residual voltage, and excellent protective effect.
- ◆ Extremely quick response and large intake capacity.
- ◆ Excellent, stable signal transmission performance and long working life.
- ◆ Composite SPD applies to lightning protection for the network data cable and power supply of the ethernet.

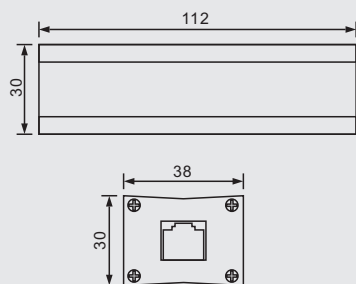
Technology Parameters

Model	KLF-POE-S	
Protection Class	Power	Network Signal
Working Voltage (Un)	48V	5V
Rated Current	850mA	
Transmission rate(bps)	10/100/1000M	
Impulse Voltage (10/700μs)	C-X:6KV;X-X(Data):2KV;X-X(Power): 2KV	
Voltage Protection Level(Up)	C-X≤130V;X-X(Data)≤8V;X-X(Powe)≤100V	
Insertion Loss	≤0.2dB	
Response Time	≤1ns	
Protected Core	1/2、3/6 & 4/5、7/8	1~8
Interface Model	RJ45	
Working Environment	Temperature: -40°C +80°C; Relative humidity<95%	
Material Of Outer Shell	Aluminum alloy	
Dimension(L×W×H)	112×38×30mm	
Weight	0.15kg	

Product Installation

1. This product is installed in series between the signal channel and the equipment protected. The output interface is connected to the equipment protected.
2. All wires must be solid and connected by electric.
3. The earth terminal of the SPD should be connected with the ground wire. Terminal forks on the ground screw are applied to connect with the grounding collection row and the earth terminal of the signal SPD. After the ground wire is connected well, tighten the screws. The grounding cable: $BVR \geq 2.5\text{mm}^2$, the length of the ground wire should be less than 1m. Grounding of lightning protection should comply with the lightning protection standard; the grounding wire should be as thick and short as possible, and the ground resistance should be less than 4Ω .

Product size



Unit: mm

Product installation diagram

