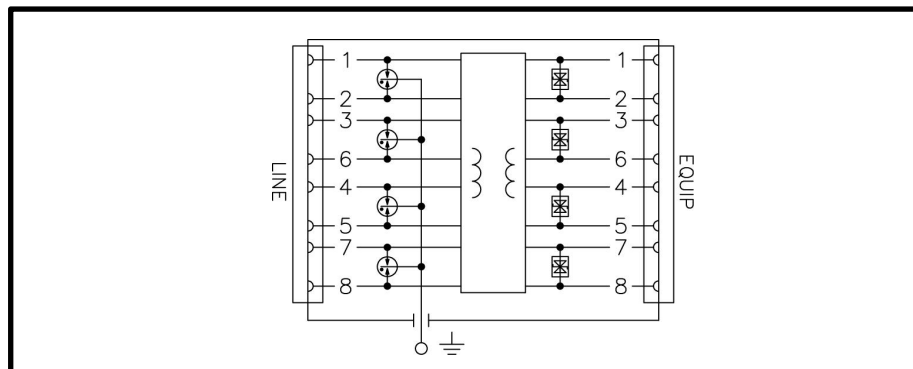


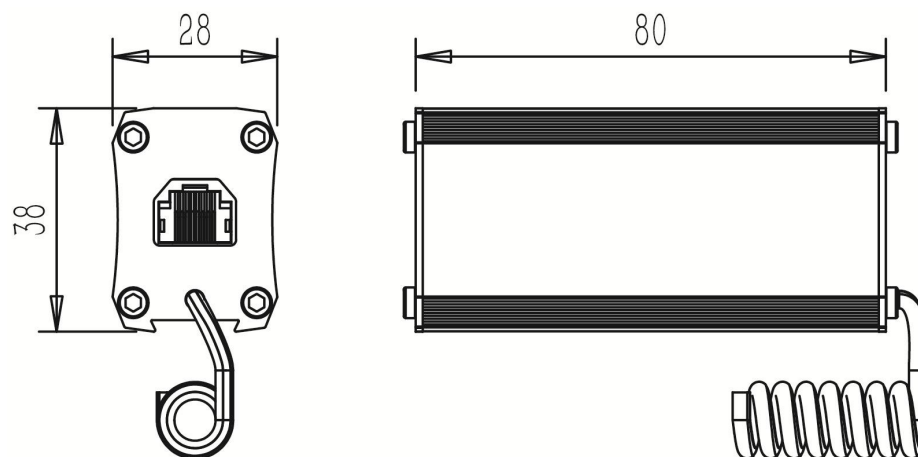
We are professional in manufacturing power surge protector,
signal surge protector, antenna-fed surge protector, lightning rod.

Product
schematics



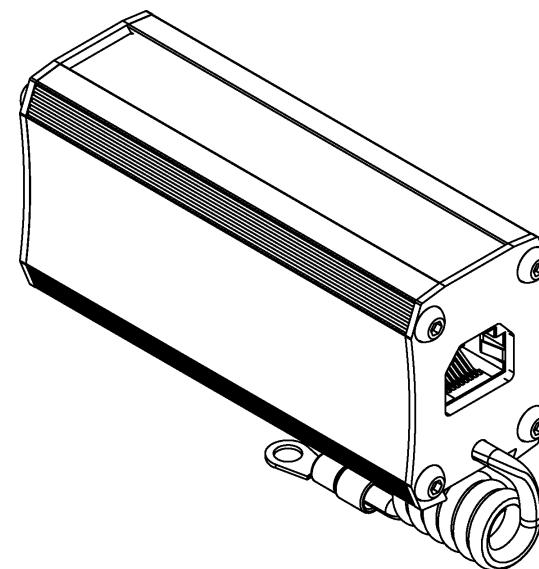
Product
dimensions

mm[inch]



P0E power surge protector network signal series Product Manual

Before installing or using this product, please read the instruction
manual carefully and keep it in a safe place.



For more technical support

Thank you for your trust and choose our products!

Shanghai Fugo Electric Co., Ltd. is here to provide you with
comprehensive technical support and after-sales service. For more
technical support and related information, please contact through
the followings:



ZHONGZI

Tel: 021-64757966 021-64838377

Web: [Http://www.spdzz.vip](http://www.spdzz.vip)

Address: 289 Wujin Road, Shanghai

POE power surge protector network signal series Product Manual



Do check the surge protector before installation to prevent from unnecessary injury. If the surge protector is with any defects, it shall not be installed.

Do use the surge protectors in accordance with the conditions specified in the technical tables. Exceeding their limits may cause damage to the protector itself or even to equipment.



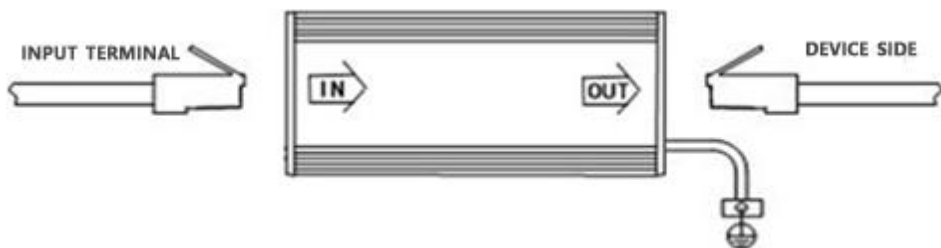
Do follow the relevant standards and rules when installing. This surge protector must be installed by qualified personnel who have obtained the relevant certificate before the electronic equipment to be protected.

Scope of application

Suitable LPZ1-LPZ3 Boundary, installed in a variety of communication line + power supply, power supply, such as Ethernet, wireless bridge, wireless AP, network cameras, so that from lightning induced voltage, voltage fluctuations interference, electrostatic discharge, and large load start major damage to the surge voltage generated caused.

The interface in the form of RJ45, the product is divided into Fast and Gigabit POE. This product has a through-flow capacity, residual voltage, fast response, attenuation, convenient installation.

Installation diagram



We are professional in manufacturing power surge protector, signal surge protector, antenna-fed surge protector, lightning rod.

Technical Parameters

Model	ZZRJ45-K(POE)	
Number of protection roads	1 road or 24 road	
Category	Power	Network
Nominal operating voltage U_n	48V	5V
Maximum continuous operating voltage U_c	60V	6V
Nominal discharge current ($8/20\mu S$) I_n	1kA	L-L:300A L-PE:2.5kA
Voltage protection level U_p	$\leq 150V$ (L-L)	$\leq 35V$ (L-L)
	$\leq 600V$ (L-PE)	$\leq 300V$ (L-PE)
Response time t_A	$\leq 1ns$	
Transmission rate V_s	1000Mbps	
Insertion loss a_E	$\leq 0.5dB$	
Temperature range	$-40^\circ C \dots +85^\circ C$	
Protection line---	1/2, 3/6 data, 4/5, 7/8 power	1/2, 3/6 power 1/2, 3/6, 4/5, 7/8 data
Interface Type	RJ45	
Shell material	Shielding metal	
Dimensions	80*38*28mm	
Degree of protection	IP20	

Installation and maintenance

1. POE power series network signal surge protector can be installed in LPZ0-1 area to be protected or directly on the device (or system) front end, from the device (or system) to be protected when installing the closer the better.
2. "IN" connects the incoming line, "OUT" connects the protected device (or system). "L / +" connects the power earth line or power supply line, "N / -" connects the power supply neutral or the power supply negative line. When installing, both ends of the line must be laid separately, not tied together to prevent from the secondary induction phenomenon.
3. The surge protector ground line must be as short as possible.
4. The surge protector does not require long-term maintenance under the conditions of installation, only routine maintenance. If the signal transmission is with problems, replace a new surge protector and signal transmission back to normal. It indicates that the surge protector has been damaged, need repairment or replacement.