

## STR201EP12V

The surge protector device designs according to the national standard of GB/T18802.21-2004/IEC61643-21:2000

### Features:

> Application for the network signal and power signal cable protection, special for the network camera over-Voltage, over-Currency, electrostatic discharge damaged; the device possesses the futures as follows: Multi-level over-voltage protection, Integrate function, width capacity, low limit-voltage, fast response , Low insertion loss, high speed etc.



lightning Protector  
Network& Power

### Installations, Use and Maintenance:

#### 1 Installation steps

- \*Before connecting the protector to the system, Make sure check grounding resistance and conform to the criteria with the requirements;
- \*Connect the protector to the front of the device firmly.
- \*Use the short and thick grounding lines as possible as you can to connect with the Earth-termination system.

#### 2 Note:

- \*There are IN and OUT icons marked on the protector, and the OUT port should be connected with the protected device, please don't make mistake. Or it will cause damage to the protector, and also the device can't be protected as expect.
- \*Due to sockets connected interface factors caused the loss of poor, should be replace the protector or maintenance.
- \*Users Can't removes the fasteners part of the device, in order to avoiding damage and affect the normal work.

#### 3 Protector examination

- \*Protector no needs special maintenance, in case the protector shocked by high voltage, the Led lights will power off, it means need to replace or maintain the protectors
- \*Use the Multi-meter with " $\Omega \times 1$ " range to measure the protector's resistance, the value should be around  $0 \Omega$  ; If not, protector need to be replaced.
- \*Use the Multi-meter with " $\Omega \times 10K$ " range to measure the middle line to earth-ground resistance, the value will be around  $400K\Omega$ , if not , need to replace the protector.

### Specifications:

**Temperature:**  $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$ ;

**Relative humidity:**  $\leq 95\%$ ;

**Atmospheric pressure:**  $70\text{kPa} \sim 106 \text{kPa}$ .

Model	STR201EP12V		
	Network unit		Power Unit
Nominal working voltage ( $U_n$ )	5V		12v
Max continuous operating voltage ( $U_c$ )	6V		15v
Max discharge current $I_{max}(8/20\mu s)$	1、 2、 3、 6-PE	2KA	10KA
	SE-PE	5KA	
Protection level ( $U_p$ )10/700/ $\mu s$	1-2	<20V	30V
	3-6	<20V	
Insulation resistance $M\Omega$	$\leq 0.4$		
Insertion loss $dB$	$\leq 0.5$		
Bandwidth FG	(0.3~100)M		
Transmission rate $V_s$	100 M		
Response time $T_a$	$\leq 1ns$	$\leq 25ns$	
Protection level	IP20		
Dimensions	92x66x30mm		
Case Material	aluminum		
Lines of protection	2 pairs ( 1-2、 3-6)	Two lever Protection	
Interface type	RJ45		terminals

### Product appearance and the installation instructions:

