

## STR201P/24

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

### Features:

> Application in low-voltage AC,DC power system surge protection. Protect them from the over-Voltage, over-Currency, electrostatic discharge etc.; The main traits as follows:Multi-level protection, width capacity, low limit-voltage, fast response time, Low insertion loss, high speed and so on.



Power SPD  
Low AC/DC

### 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	STR201P24V
Nominal working voltage $U_n(\text{V})$	24
Max continuous operation voltage $U_c(\text{V})$	48
Nominal discharge current $I_n (8/20\mu\text{s}) \text{ KA}$	5
Max discharge current $I_{\text{max}} (8/20\mu\text{s}) \text{ KA}$	10
Protection Level $U_p(10/700\mu\text{s})\text{V}$	50
Response time $T_a$	25ns
Shell protection level	IP20
Dimension	65*26*26 mm
Shell material	Aluminum
Interface type	Terminal 2Pin

### Product appearance and the installation instructions:

