

STR201V-HD

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

Features:

>Applicable for Video cable protection, special for the CCTV system, Video switchers 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.

Working Principle:

Surge protector link with the equipment which be protected in the front of the system, when transmission lines were happen to the lightning and other instantaneous overvoltage shock, the impulse current through the surge protector protection branch will discharge into the earth, and the output voltage limit in the device allow voltage range. Ensure the safety of operation equipment.

Installation steps:

- \*Before connecting the protector to the system, Make sure heck grounding resistance and conform to the criteria with he 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.

Note:

- \*There are IN and OUT icons marked on the protector, and he 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.



surge protector  
Single Video

Specifications:

- Temperature:-40℃~70℃;
- Relative humidity: ≤95%;
- Atmospheric pressure: 70kPa~106 kPa.
- Nominal working voltage Un: 5V
- Max continuous operation voltage Uc: 6V
- Nominal discharge current In ( 8/20s ) : 5KA
- Max discharge current Imax ( 8/20s ) : 10KA
- Protection level Up ( 10/700/s ) : <20V
- Insulation resistance MΩ: ≥0.4
- Insertion loosed dB: ≤0.5
- Bandwidth FG: (0.3~12)M
- Transmission rate Vs: 10 M
- Response time Ta: ≤1ns
- Interface type ( optional ) : BNC( K/K),
- Protection level: IP20
- Dimension: 26\*26\*83.5mm(Include BNC Interface)
- Material: Aluminum

Installations, Use and Maintenance

Protector examination

- \*Use the Multi-meter with "Ω × 1" range to measure the protector's resistance, the value should be around 3.5 Ω ; If not, protector need to be replaced.
- \*Use the Multi-meter with "Ω × 10K" range to measure the middle line to earth-ground resistance, the value will be around 400KΩ, if not ,need to replace the protector.

Product appearance and the installation instructions:

