

RS485 SURGE PROTECTOR

(1)Product Description:

This product is suitable for the surge protection of computer data interface or automatic control systems, instrumentation, electronic equipment with data systems, anti-theft system off (switch) data line and power.

- ◆ Apply to the lightning surge protection of the signal line with 2 core switch.
- ◆ Core components are selected international brands, so they have high reliability, multi-level protection, low residual voltage, fast response time and so on advantage.
- ◆ It is applied to discharge, clamping principle, to achieve an efficient and reliable anti-shock feature high-voltage pulse and accurate clamping voltage.
- ◆ It is low-volume design, excellent transmission performance.
- ◆ It is designed with advantage of large intake capacity, low loss, no interference and long lifetime.
- ◆ It has small size, easy installation characters.
- ◆ It is applied to the lightning protection of telemetry, process controllers, transmission equipment, data transmission lines, instrumentation.
- ◆ Apply to the lightning protection of monitor PTZ control, decoding circuits, access control data line, video intercom, card, and fire alarm lines, data transmission lines, instrumentation lines, various audio signal transmission cable, infrared shooting, anti-theft system off (switch) data such as ports and power line.

(2)Technology Parameters:

TYPE	KLF-24V/2P
Max. continuous DC Voltage)	24V
Rated Current	300mA
Nominal Discharge Current (8/20μs)(In)	5KA
Max. Discharge Current (8/20μs) (Imax.)	10KA
Voltage Protection Level(Up)	≤35V
Working Frequency	10MHz
Insertion Loss	≤0. 2dB
Interface Model	2p terminals
Protected Core	1~2
Working Environment	Temperature:-40°C~+70°C;Relative humidity<90%
Dimension(L×W×H)	90×25×25mm
Weight	0.08kg

(3) Product Installation:

1. The lightning protection device is installed between signal channel and the protected device, the output termination is connected with the protected equipment.

2. All wirings must be solid and connect by electric. Grounding line: $BVR \geq 2.5mm^2$.

3. Lightning proof grounding should be consistent with lightning protection regulatory requirements; grounding wire should be as thick and short as possible, resistance should be less than 4Ω.

(4)Product size chart:

(5) Installation diagram:

