

TELEPHONE SURGE PROTECTOR

(1) Product Description:

This product apply to the lightning protection of telephone lines, data communication lines and other communication equipments.

- ◆ Adopt principle of discharging, clamping and voltage stabilization to realize effective and reliable anti-shock high-voltage pulse and accurate clamping voltage.
- ◆ Core components are selected international brands, with advantage of multi-level protection, low residual voltage, fast response time.
- ◆ Low-volume design, excellent transmission performance, large intake capacity, and long life time.
- ◆ Easy install and simple maintenance.
- ◆ Applied to RJ11 interface, suitable for the lightning protection of communication network in MODEM, data transmission line, fax machines, PABX, trunks and other electronic equipment.

(2) Product Parameters:

Model	KLF-RJ11-4E
Working Voltage (Un)	110V
Rated Current	300mA
Insertion Loss	≤0.2dB
Nominal Discharge Current(8/20μs) (In)	5KA
Max. Discharge Current (8/20μs) (Imax.)	10KA
Voltage Protection Level(Up)	≤150V
Working Frequency	2MHz
Interface Model	RJ11
Protected Core	1、 2、 3、 4
Quantity of protected ports	4
Working Environment	Temperature -40°C~+80°C; Relative humidity<95%;
Dimension(L×W×H)	102×38×65mm
Weight	0.15kg

(3) Product Installation:

1. The lightning protection devices are installed between signal channel and the protected device, the output termination is connected with the protected equipment.
2. All wiring must be solid and connected by electric.
3. The grounding line: $BVR \geq 2.5mm^2$, should be as short as straight ,length less than 1m.
4. 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 and installation diagram:

