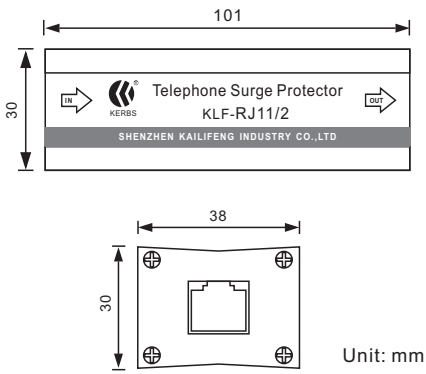
# TELEPHONE SURGE PROTECTOR

(1)Product Description:
This product is suitable for the lightning and surge protection of telephone lines, data communication lines and other communication equipment.
◆It is applied to discharge, clamping principle and voltage stabilization to achieve an efficient and reliable anti-shock feature high-voltage pulse and accurate clamping voltage.
◆Core components are selected international brands, so they have high reliability, multi-level protection, low residual voltage, fast response time.
◆It has advantages of low-volume design, excellent transmission performance, large intake capacity, and long lifetime.
◆Its wiring installation is convenient and maintenance is simple.
◆This product is applied to RJ11 interface and is suitable for the lightning protection of communication network in MODEM, data transmission line, fax machines, PABX, trunks and so on electronic equipment.
(2)Product Parameters:

| | |
|---|---|
| Type | KLF-RJ11/2 |
| Operating 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 | 3、4 |
| Working Environment | Temperature -40°C~+70°C;Relative humidity<90%; |
| Dimension | 101×38×30mm |
| Weight | 0.15kg |

(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 be connected by electric.
3. The ground wire of SPD: BVR≥2.5mm$^2$ and should keep the greatest extent short and straight. Its length should be less than 1 m.
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 chart:




Unit: mm

(5) Installation diagram: