

# TELEPHONE SURGE PROTECTOR

BUY ON

[www.cablematic.com](http://www.cablematic.com)

## (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 ADSL and xADSL, data transmission line, fax machines, PABX, trunks and other electronic equipment.

## (2) Product Parameters:

Type	KLF-RJ11-16E
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
quantity of protected ports	16
Working Environment	Temperature -40°C ~+70°C;Relative humidity<90%
Dimension(L×W×H)	485×105×62mm
Weight	1.92kg

## (3) Product Installation:

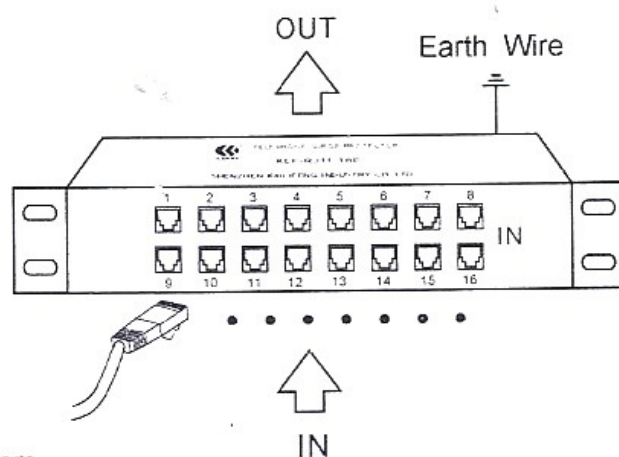
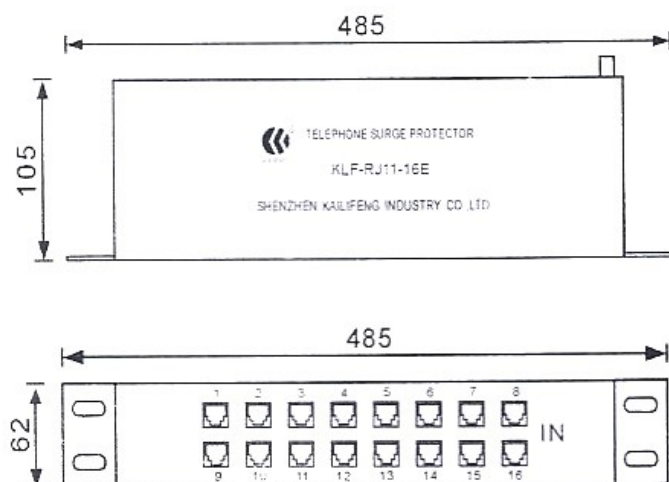
1. The lightning protection devices are in series installed between signal channel and the protected equipment, the output termination is connected with the protected equipment.

2. All wires 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  $4\Omega$ .

## (4) Product size and installation diagram:



Unit: mm