

TELEPHONE SURGE PROTECTOR



Congratulations!

You have made an excellent choice buying the Starligh telephone surge protector to protect the devices plugged to your C.O. line.

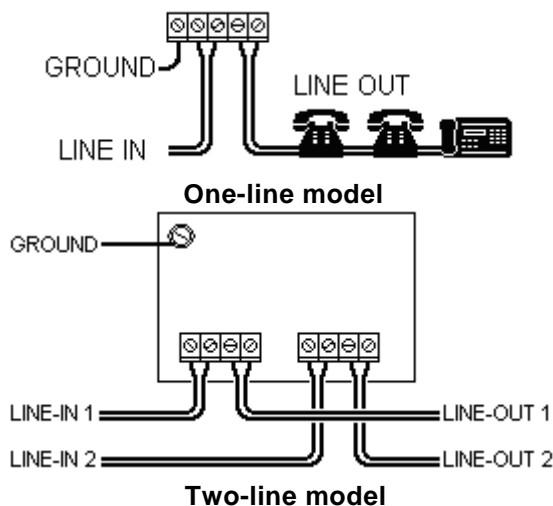
Able to protect electronic equipment from
Atmospheric and electric discharges.

Total protection for telephone systems, common and wireless phones, fax, answering machines and modems.

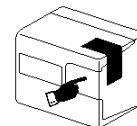
It has 8 protection stages:

1. Spark-Gaps to ground
2. Spark-Gaps in diferential mode
3. Changeable fuses, for quick equipment isolation (spare fuses included)
4. Gas discharger to ground for very high energy spikes absorption
5. Diferential mode gas discharger
6. Inductors for over-voltage and high frequency components elimination
7. Varistors to ground allowing rapid response to transients and therefore protecting sophisticated electronic equipment
8. Diferential mode varistors

INSTALLATION



- 1) Locate your telephone's C.O. line. Select the protector's install location so that **every telephonic device is connected after it enabling protection.**
- 2) Cut the wires and connect as shown in the picture.
- 3) Connect the GROUND terminal to a ground line. **For a comprehensive protection, you should connect a good ground line and use a 1mm² minimum section wire.**
- 4) Fix it with adhesive tape or with the screw. Close the box.
- 5) If the box's opening wants to be sealed, attach a safety seal between the lid and the base part.



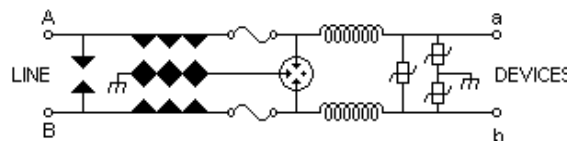
FUSE CHANGE

If a large discharge occur, **fuses will be burned** and the line will become **toneless**. Open the box by pressing as shown in the picture and replace the damaged fuses with the ones provided on the inside. (20mm 0.15A 250V fuses). If there are no fuses left you can **temporarily** replace them with two pieces of wire to recover tone, **but protection will be lost!**

SPECIFICATIONS

Response time (*)
Voltage spike (*)
DC resistance
Inductance less than 10uSec
300V typical less than 20 Ohm per leg
1mHy per leg

(*) With wave 10/700 uSec 2000V peak.



Specifications are subject to change without notice. Since this is a protection device, warranty only covers manufacture defects excluding the ones produced by large atmospheric discharges.

Starligh is a trademark of Starligh S.A

Made in Argentina