

SigTEL Strobe PCB Connections

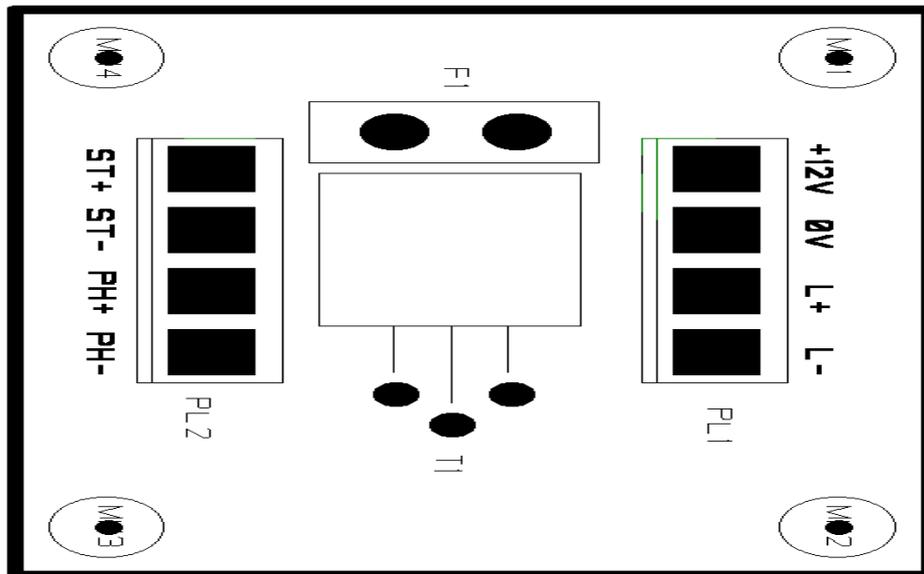
The SSM –12 is designed to detect ringing current on a SigTEL fire telephone system. It can be connected to any 12V DC sounder or strobe with a peak current of up to 1 Amp. Power to operate the strobe/sounder is derived from one or more 12V DC PSU's which must be capable of providing sufficient current. The strobe or sounder is not supplied.

Installation instructions

To install the SSM-12 PCB into the THS1-E fire telephone;

1. Remove the eight screws from the inner cover with a pozi-driv screwdriver.
2. Remove the terminal block and the wires connected to it.
3. Locate the two M2.5 studs and slide the spacers over.
4. Fit the self-adhesive standoff through the third hole as shown below.
5. Fit the SSM-12 PCB to the two fixing bolts ensuring that the self-adhesive standoff is at the bottom.
6. Secure the SSM-12 PCB with the nuts provided.
7. This is a piece of life-safety equipment. Telephone cables should be fire-rated and correctly glanded to the housing.

Important – The THS1-E is not designed for external use. If you do wish to mount the handset and strobe adaptor externally, a suitable IP rated housing should be used. All cables should be glanded and watertight. If there is any risk of moisture entering the housing a small drain hole should be drilled in the base



The connections for the strobe PCB are as shown in the diagram above.

It is important that the wiring diagram is followed as incorrect connection may damage the PCB or other equipment connected to it,

PL1 has the connections from the 12V Power Supply and line connections from the CCU/SCU

PL2 has connections to the strobe unit and the telephone.