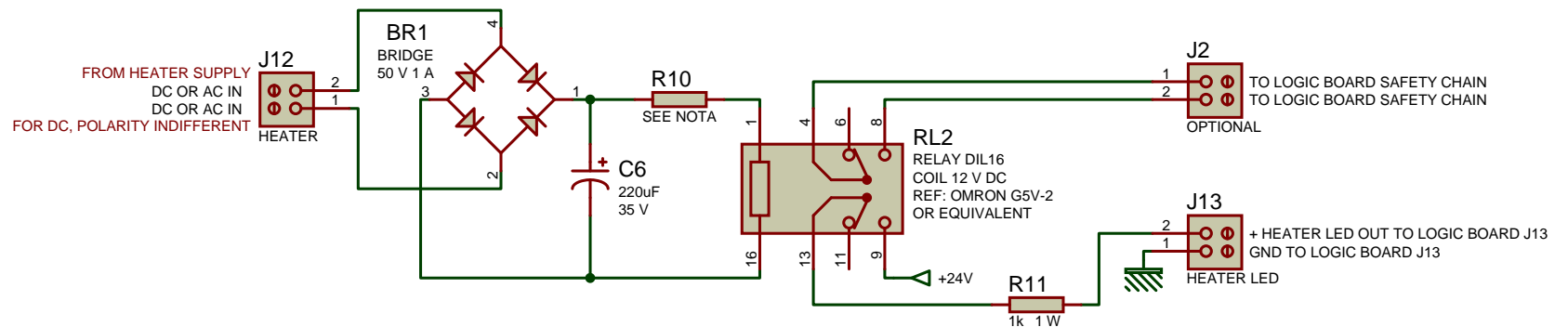
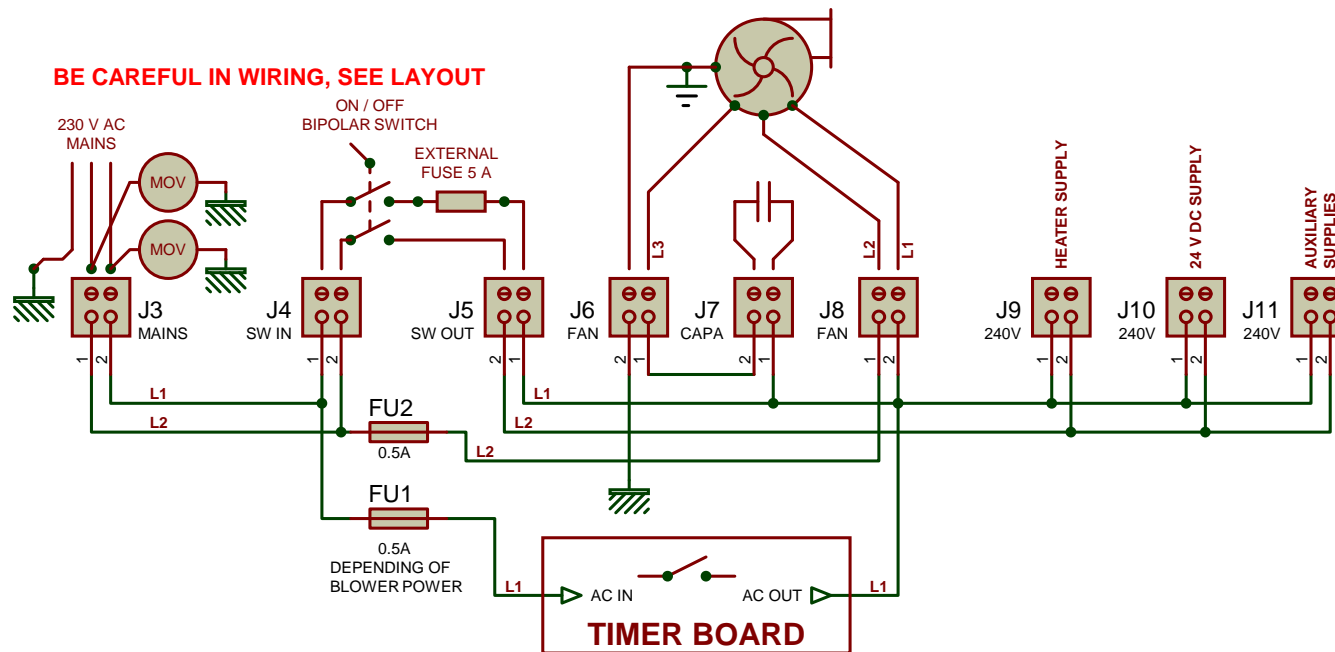


ALL DIODES 1N4007 CAN BE REPLACED  
BY SCHOTTKY LOW VOLTAGE DROP 1N5819

Rev 6: BS170 instead of 2N7000, R9 & D5 to limit inrush current.  
Rev 6: New PCB with new heater LED supply, optional heater supply presence into safety chain.

LINEAR AMPLIFIER DESIGN SUITE  
BLOWER DELAYED STOP TIMER

DATE: 25/08/17 REV: 6 PAGE: 1/2  
BY: f1frv@sfr.fr  
DOC N°: Amateur Radio



**NOTA. FOR GS-35b HEATER WITH 12 V DC SUPPLY REPLACE R10 BY A STRAP & C6 NOT NEEDED**

**FOR DIFFERENT HEATER VOLTAGE, AC OR DC, ADAPT R10 AND RELAY COIL TO YOUR NEED.**

**IF YOU HEARD ABOUT OHM'S LAW, YOU WILL USE IT !!**

DATE: 03/2021                      REV: 6  
BY: f1frv@sfr.fr  
DOC Nr: AMATEUR RADIO

HEATER SUPPLY AC OR DC  
HEATER SUPPLY AC OR DC

+ HEATER LED  
TO LOGIC BOARD J13  
GND

HEATER SUPPLY PRESENCE  
TO SAFETY CHAIN  
(OPTIONAL)  
TO SAFETY CHAIN

```
FROM J3-1 LOGIC
+24 V DC IN
230 VAC GND
230 VAC L2 IN
230 VAC L1 IN
TO SWITCH & FUSE
L2 TO SWITCH
```

```
TO BLOWER GND
TO BLOWER L3
TO BLOWER CAPACITOR
TO BLOWER CAPACITOR
TO BLOWER L1
TO BLOWER L2
```

NOTA BE VERY CAREFUL!!  
RESPECT L1 & L2 WIRING  
TO AVOID FUSES BLOWING  
AT FIRST START-UP WITH  
BLOWER DELAYED SWITCH

NOTA. IF BLOWER CAPACITOR  
IS LOCATED NEAR BLOWER, USE  
ONLY L1, L2 & GND TERMINALS

L1 FROM SWITCH & FUSE  
L2 FROM SWITCH  
230Ø V TO 24 V DC SUPPLY  
230Ø V TO HEATER SUPPLY  
230Ø V TO AUX. SUPPLIES