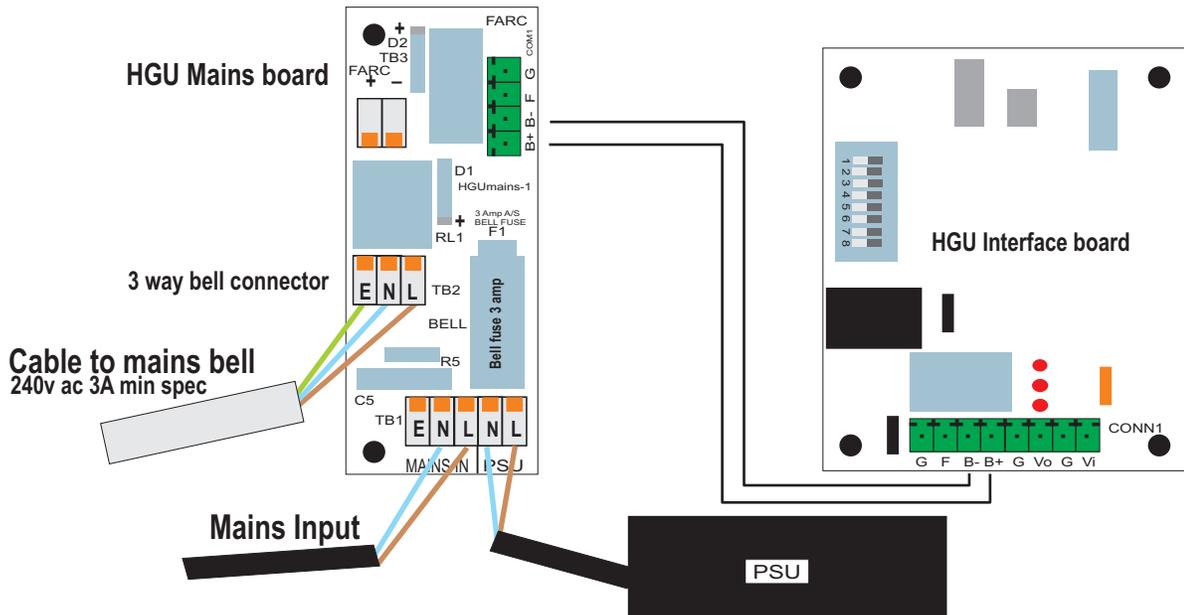


# TP-1000 BELL RINGING CONNECTIONS

## Mains bells powered by TP1000



The HGU mains board bell output is 240 v ac with a maximum current of 3amps (fused at 3 amp). A standard mains snubber is fitted on the board which may be removed (remove R5) if a small siren is fitted and the motor is turning all the time .

The mains input lead currently to the PSU needs to be cut & connected to the MAINS IN connector on the HGU Mains board as shown.

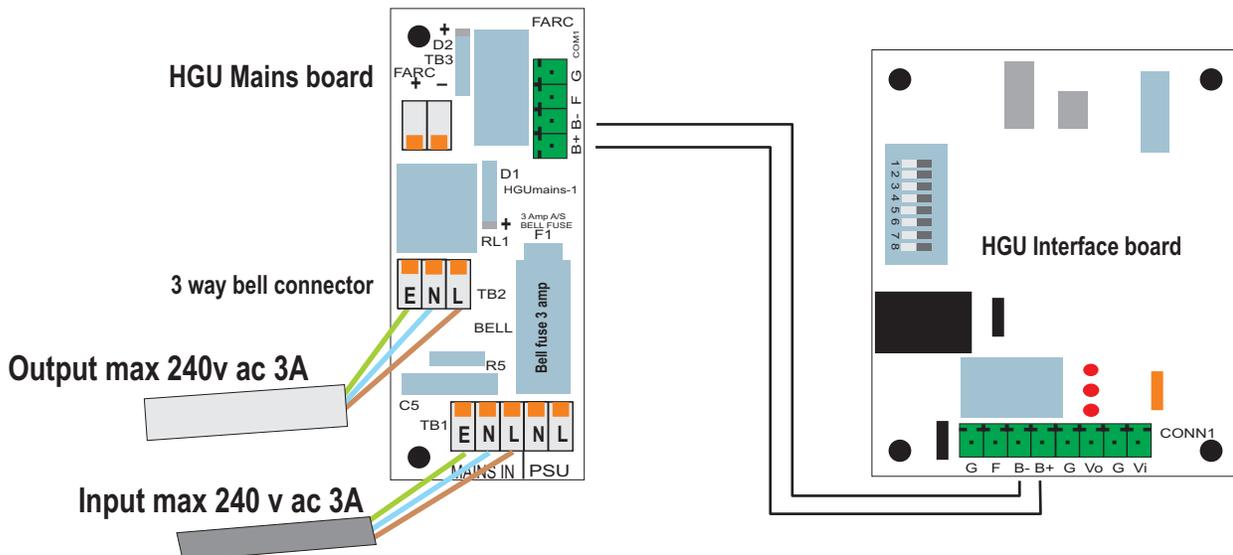
The PSU should then be connected to the PSU connector of the HGU Mains board as shown.

B+ & B- should be connected to the B+ & B- of the HGU Interface board as shown above observing polarity.

Mains rated cable from the Bell should be connected to the 3 way Bell Connector as shown

Our program TTparam (provided on the Intime CD) needs to be used to set the Bell Times & ringing duration.

## Dry Contact Switching (ac or dc)



Connect your Supply Voltage to the MAINS IN connector on the HGU Mains board as shown. The HGU mains board can switch a maximum of 240 v ac with a maximum current of 3amps (fused at 3 amp). (Alternatively DC voltages can be switched in which case the mains rated cables or earth connections are not required.

B+ & B- should be connected to the B+ & B- of the HGU Interface board as shown above observing polarity. The output lead (mains rated cable if applicable) needs to be connected to the 3 way Bell Connector as shown TTparam (provided on the Intime CD) needs to be used to set the Bell Times/Switching & duration .