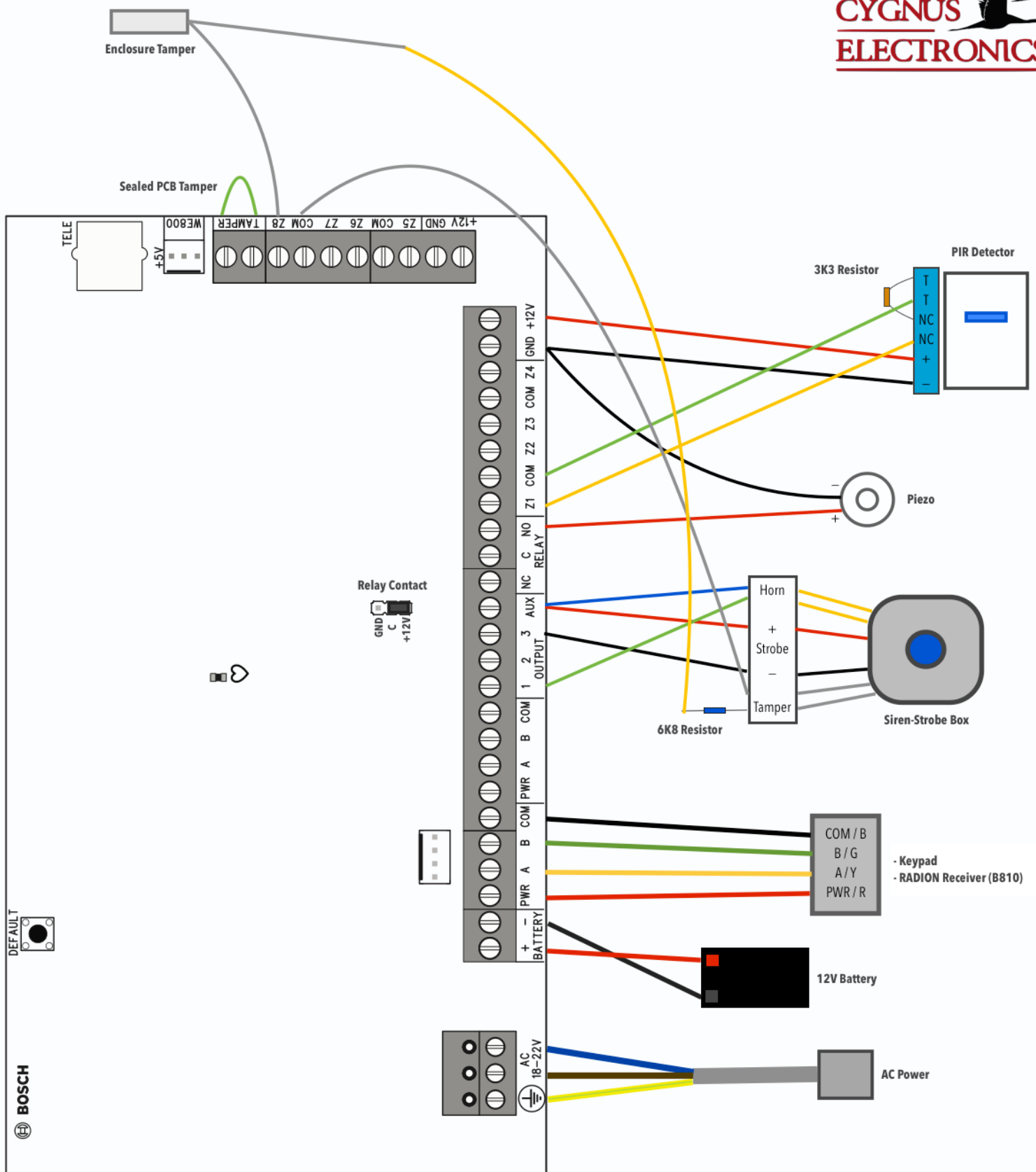




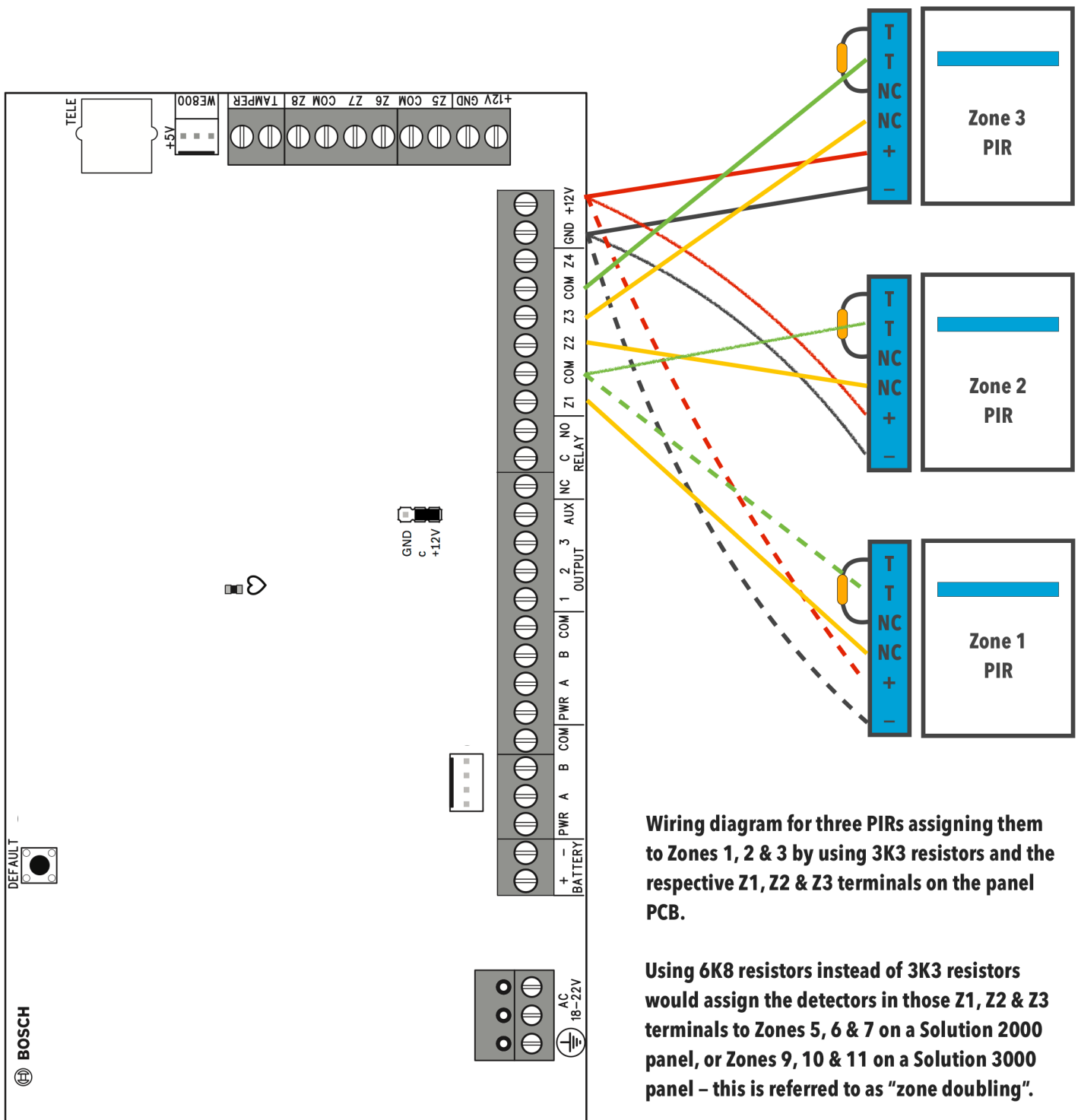
– 3K3 resistors have an orange stripe

– 6K8 resistors have a blue stripe

Diagram Notes

- Diagram above shows Solution 3000 panel PCB with eight zone terminals.
- If the little black plug is not on the bottom two relay contact pins (C and +12V) on the panel PCB, then the piezo siren will not function. You may wish to remove this plug temporarily to prevent the piezo sounding in the event a false alarm occurs during the initial programming setup.
- Ensure that the yellow core with a green stripe (earth) from the AC power pack is wired into the correct terminal; the other two wires do not need to be polarised.
- Both the keypad and the RADION B810 wireless receiver use a [PWR A B COM] SDI2 bus, but since there are two on the panel PCB, they do not necessarily need to go into the same one as shown on the diagram.
- If you are using a 12V siren for the external siren (as opposed to the horn speaker shown on the diagram), then you will need to observe correct polarisation by wiring the negative (e.g., [-] / black / no stripe) into Output 1, and wiring the positive (e.g., [+] / red / stripe) into AUX on the panel PCB. You only need to wire in what is shown on the diagram (i.e., horn/siren, strobe, tamper); you can ignore the other terminals.
- By default, the programming of the Solution 2000 & 3000 has Zone 8 as a 24-hour tamper that activates the sirens if the zone is unsealed, whether armed or disarmed. If you use a 6K8 resistor for the tampers, as shown on the diagram, then they will be assigned to Zone 8 on a Solution 2000 using the Z4 terminal, or Zone 16 on a Solution 3000 using the Z8 terminal; if Zone 8 is unsealed (e.g., the lid is not sealed on the metal enclosure), then the sirens will activate as soon as you power up the alarm system. If you do not plan on using Zone 8 for a detector, you can seal it by placing a 3K3 resistor across the Z8 and COM terminals on the panel PCB.
- The PIR detector on the diagram is using a 3K3 resistor, which will assign it to Zone 1. For the Solution 2000, use a 3K3 resistor for any detector that is to be assigned Zones 1 to 4; use a 6K8 resistor for any detector that is to be assigned Zones 5 to 8. For the Solution 3000, use a 3K3 resistor for any detector that is to be assigned Zones 1 to 8; use a 6K8 resistor for any detector that is to be assigned Zones 9 to 16.

Diagram showing how to wire in three PIRs for Zones 1, 2 & 3...



Basic door / window reed switch wiring diagram

