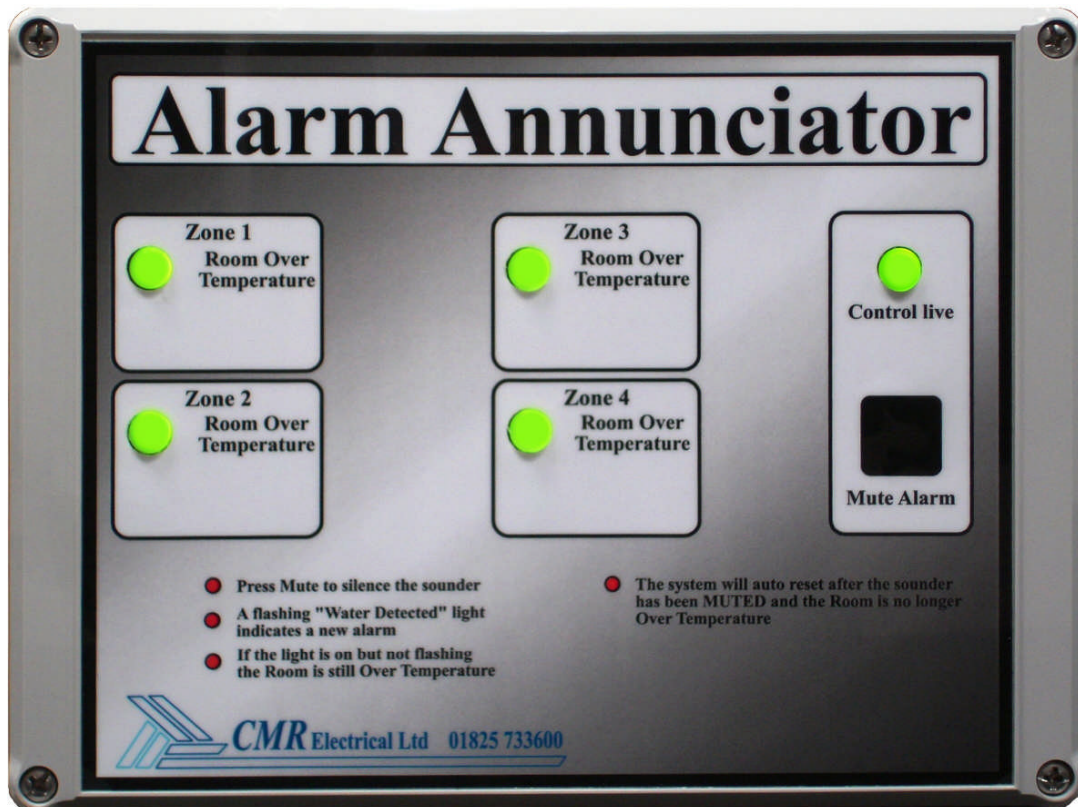




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AS4 Three & Four Zone Alarm Annunciator Installation and Operation Manual



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1) Operation

In normal mode with no alarms or faults, the audible warning device will be OFF, the alarm lamps will be OFF, the “Normal” green lamps will be ON and green and the Control Live lamp will be ON.

2) Alarm

When one of the three or four remote contacts close, the audible warning device will start, the alarm relay will close and the Alarm LED will start flashing RED. To stop the audible warning press the “Mute Alarm” button. On muting, the red LEDs will stop flashing and remain permanently ON indicating an acknowledged alarm. The system will remain in this state until the remote contact opens when the LED will turn OFF and provided the Plant Room is free from an alarm, open the output alarm relay.

3) Installation

THIS EQUIPMENT SHOULD ONLY BE CONNECTED AND WORKED ON BY A QUALIFIED ELECTRICIAN.

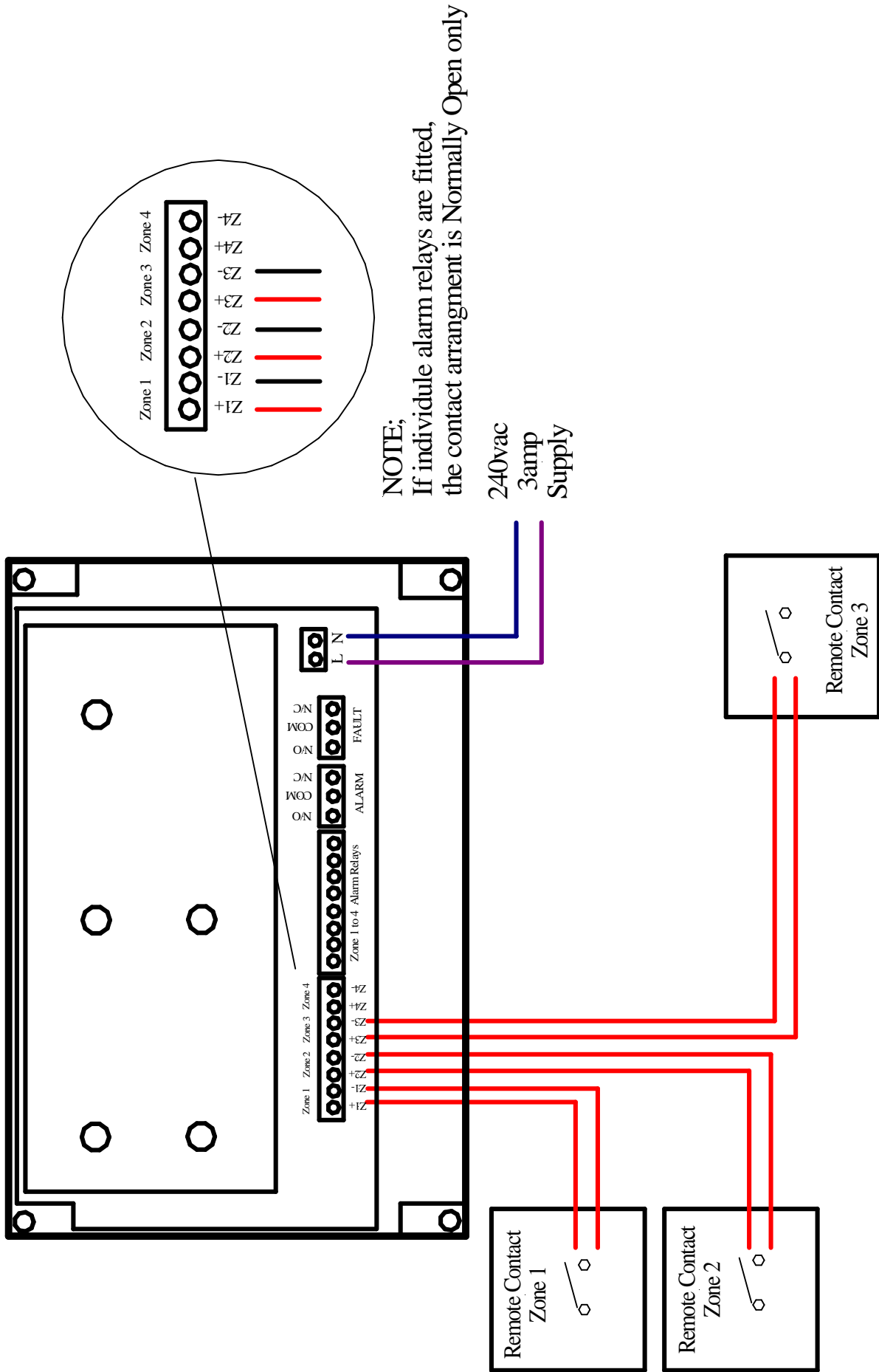
A 230VAC 3 amp fused supply should be connected to the internal fused terminal block positioned on the right hand side of the unit. The wiring to the remote thermostat can be in any low voltage low current cable but care should be taken in sizing the cable to avoid too much volt drop. The alarm signal voltage is 5VDC, current 2mA.

4) Commissioning

Having connected the unit as described above, turn of the mains power to the unit. All zone lamps should turn green and the “Control Live” lamp should illuminate. If any of the zone lamps start flashing red and the audibled warning sounds, check that the set pint on that zone is set below the ambient temperature, if it is refer to the fault diagnoses list below. With all lamps green, turn the set point on each thermostat to the minimum temperature setting i.e. 10°. The audible warning should sound, all lamps should change from green to red and start flashing. Mute the alarm, the sounder should stop, the lamps should stop flashing but remain red in colour. Turn all thermostat set points above the ambient temperature i.e. 30°C, all lamps should turn green. Set each thermostat to the required alarm temperature

5) Wiring

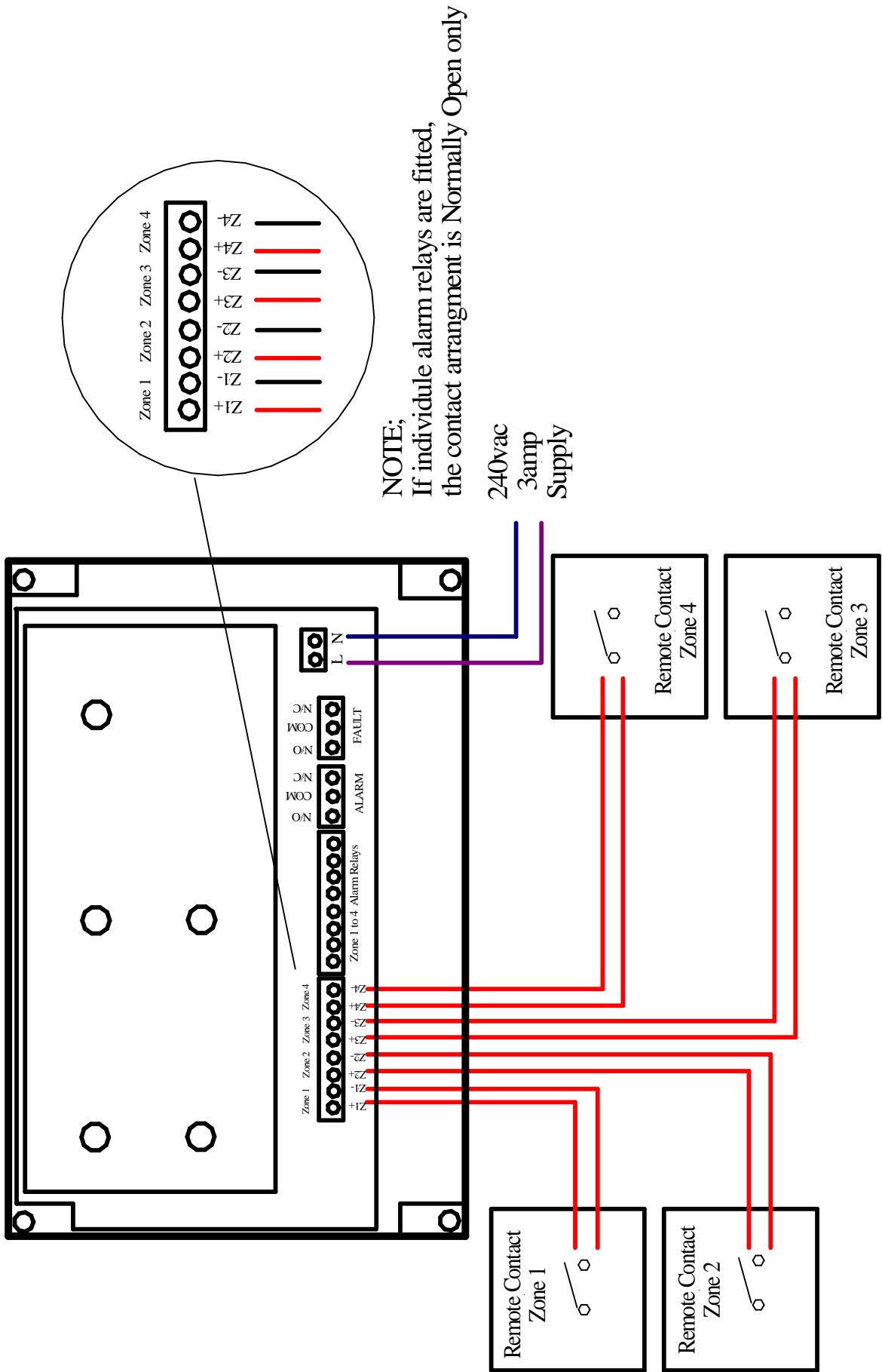
3 Zone Alarm



NOTE;
 If individual alarm relays are fitted,
 the contact arrangement is Normally Open only

240vac
 3amp
 Supply

4 Zone Alarm



NOTE;
 If individual alarm relays are fitted,
 the contact arrangement is Normally Open only

240vac
 3amp
 Supply