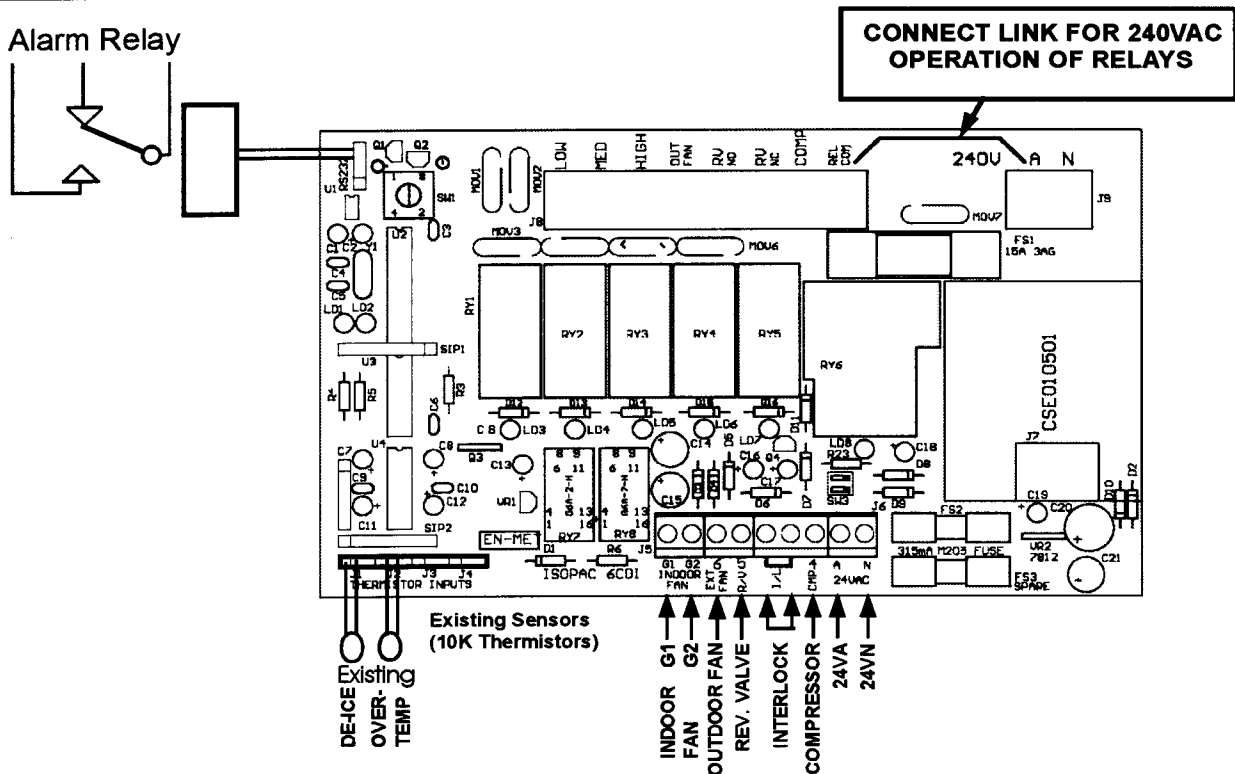


ISOPAC_6CDI



OPERATION

INDOOR FAN

G1 ON = Low Speed

G2 ON = High Speed

G1+G2 ON = Medium Speed

Temperature sensors are 10K @ 25°C Thermistors. Two sensors are used at present.

DE-ICE

The DE-ICE and RESUME points are set by the microcontroller program. All relays except the compressor relay will turn OFF and the DI LED will turn ON. When the temperature rises to the RESUME set point, it is possible to turn the relays ON again. The DI LED will turn OFF.

The de-ice is set to -3°C

Resume is set to 10°C

OVER TEMPERATURE

The same sensor is used for compressor over temperature. At 65 °C the compressor relay will turn off, and the temperature must drop to 52 °C to allow compressor operation again. The OT LED will light when in this mode.

An anti-cycling lockout timer is incorporated in the program. The rotary switch is set to 1 to enable this timer, and to 0 to disable. The lockout time is 4 minutes. For operation using firmware lockout timer, connect a wire link between the two interlock terminals (I/L). If an external lockout timer is used, (e.g. AVION TCB320 which gives a delay of 5 minutes) connect it between these two terminals.

The alarm relay will operate during over-temperature, and during lockout time if the Compressor input is asserted.

All relays except Compressor Relay are rated at 10A. The Compressor relay is rated at 15A. Total load should not exceed 15A.

All relay contacts are protected by Metal Oxide Varistors.

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