

Supplemental Alarm Input Wiring Instructions

**Applies to Utility Controller 1000 through 6000 with pcb Ver 8.3 and 8.4;
and LA Controllers and Service Panels with pcb Ver 4.41.**

The unit will accept a 24 VDC/VAC Fire Alarm input for utility shutdown. The instructions contained herein applies to units that are installed as stand-alone systems or that are Companioned with another ISIMET Controller. In some instances the circuit board is equipped with a “shunt” terminal that will allow the routing of wiring from the unit’s pcb to an alarm contractor provided relay module and return to the pcb without requirements for additional wiring. Information, instructions and conditions for the use of the different wiring means is included in these instructions. Some older versions of the control devices did not provide for alarm input.

NOTE: In some cases each control unit should receive an Alarm Input termination unless a control system utilizes a Master Controller unit with slaves where the Alarm Output and Panic Output are both a maintained signal. The system should receive a final test for functionality in order to insure that an Alarm signal disengages all intended services.

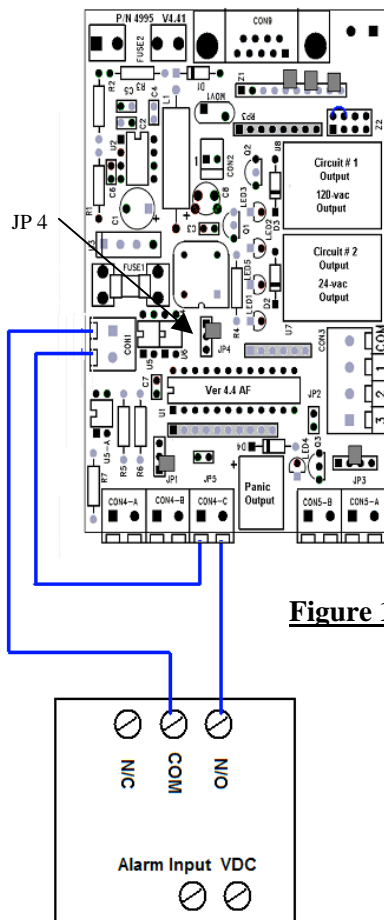


Figure 1

LA Controllers and Service Panels with pcb Ver 4.41:

The pcb has an Alarm Input terminal and Remote Panic Input terminal. If the unit does not include the operation of an exhaust fan then wire leads may be routed from these terminals, through the normally open terminals on the relay module. If the unit operates an exhaust fan then place the jumper at JP4 as shown or route wiring as indicated in Figure 1 for the LA unit and Figure 2 on the back for the Service Panel.

If the pcb in the LA or LSP Unit does not appear similar to the images in Figure 1 or 2 then the Unit may not be equipped to accept an Alarm shut-down signal.

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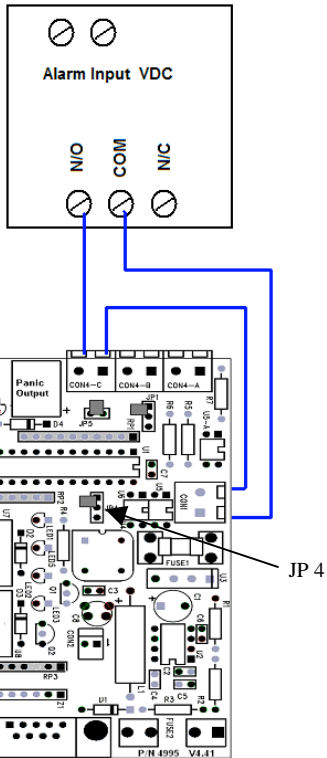


Figure 2

Utility Controller 1000 through 6000 with pcb Ver 8.3 and pcb Ver 8.4

Controllers with pcb Ver 8.3 and Ver 8.4 are provided with an Auxiliary Alarm Input connector or Shunt Terminal on the pcb. If the Alarm Relay Module is located within the Controller's enclosure, then this connector may be utilized. Note that the connector requires a two pin header. If unable to field obtain one, contact ISIMET or a local representative. See Figure 3 for Ver 8.3 wiring and Figure 4 for Ver 8.4 wiring..

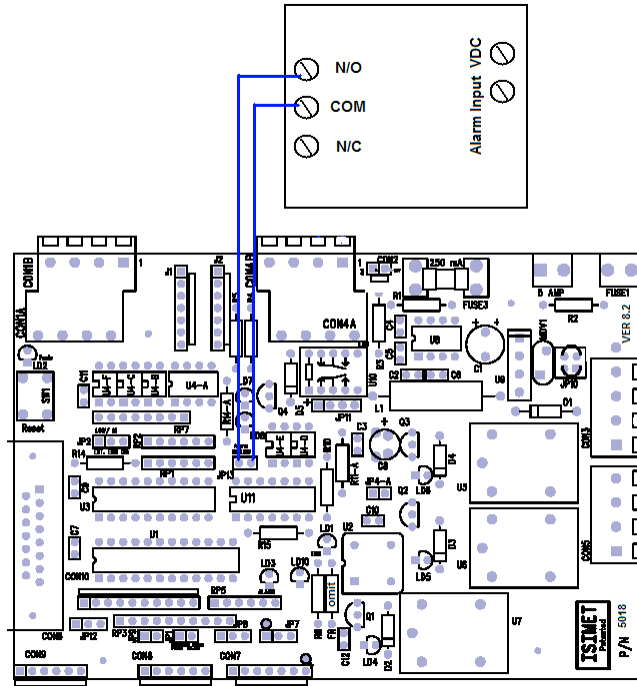


Figure 3

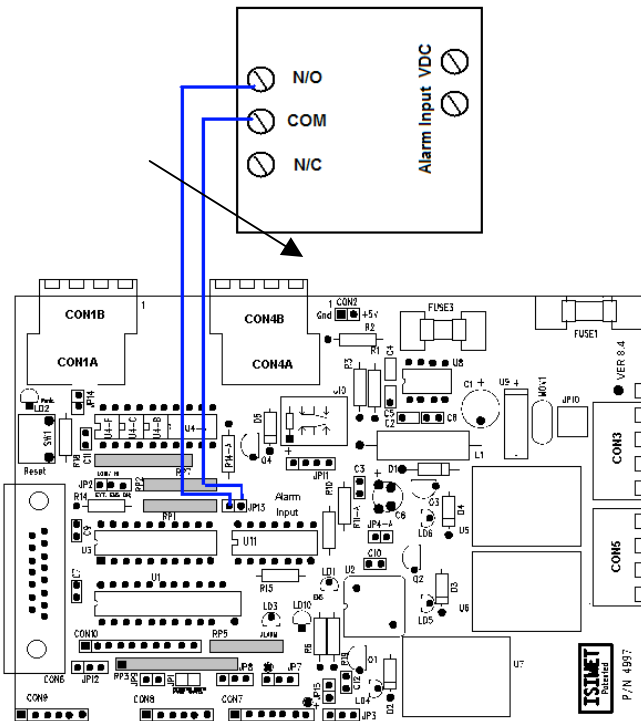


Figure 4