

## LS-1 Wiring Instructions

**Mounting:** The LS-1, Ambient Light Level Sensor, is designed to be mounted in a weather-proof enclosure with 1/2" NPT threads.

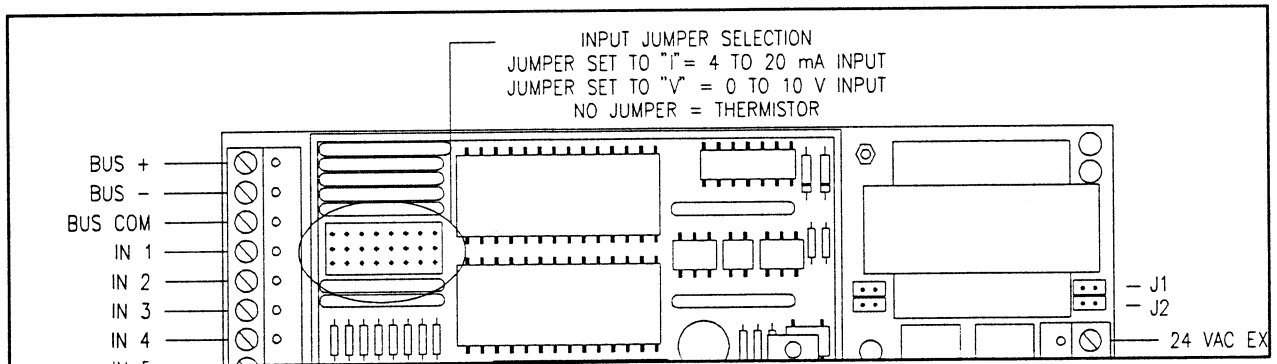
**Wiring:** The LS-1 has two wires which must be connected to the IZAC controller. The LS-1 wires have no polarity so there are no wire designations.

- 1.) Connect one of the LS-1 wires to one of the ANALOG INPUT terminals of the IZAC-8 or IZAC-4.
- 2.) Connect the other wire from the LS-1 to one of the ANALOG INPUT COMMON terminals on the IZAC-8 or IZAC-4.

**Configuration:** The IZAC-8 or IZAC-4 must be configured through the PDC832(GH) V5.09 or greater for the LS-1 to work properly.

On the **ANALOG SENSOR DETAILS** screen of the PDC832(GH) software set the sensor **TYPE** to be **100K °F**.

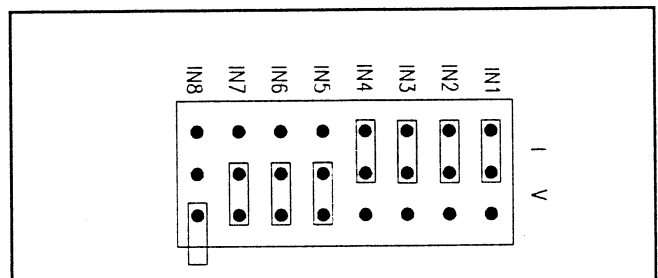
The IZAC-8 or IZAC-4 also have to be configured through jumpers on the controller for the LS-1 to operate correctly. Figure 1 shows the location of the input jumpers for the IZAC-8 and IZAC-4.



*Fig. 1: Input Jumper Locations*

Figure 2 illustrates the various jumper settings for the input types compatible with the IZAC-8 or IZAC-4.

The correct configuration for the LS-1 is thermistor (jumper removed). Input #8, as shown in figure 2, is properly configured for the LS-1.



*Fig. 2: Jumper Settings*