



**POWERFLASH
Connections. Observe
Polarity!**

The Freezer Failure Sensor provides a way to sense dangerous temperatures or the early failure of a residential freezer. It interfaces to a standard X10 Powerflash device (purchased separately.)

The sensor is completely self contained and preset at the factory. Two leads from the sensor attach to the Powerflash terminals. The red lead should be attached to the rightmost terminal (marked +) and the black lead should be attached to the left terminal (marked -). Double-check these connections and polarities before plugging in the Powerflash module and wall transformer.

NOTE: *Observe polarity in connecting to the Powerflash! Incorrect wiring to the Powerflash can destroy the device.*

The sensor should be placed in the freezer and the wire leads extended out the freezer door to the Powerflash unit. The freezer door will open and close normally with careful placement of the wires routed through the weather-stripping. The sensor should be placed away from the sides, top, and bottom of the freezer and surrounded by frozen food.

The Powerflash module provides terminals for inputs in two configurations according to the setting of the INPUT slide switch. For this sensor, the Powerflash module should be placed in Position "A" (slid to the left.)

Adjust the MODE slide switch to select the desired operation. Upon sensing a high freezer temperature:

- 1) Turns on all Lamp modules set to the same house code as the Powerflash. Turns on Appliance modules set to the same house and unit code as the Powerflash. After the freezer temperature returns to normal, all modules set to the same house and unit code will be turned off.
- 2) Flashes all lamp modules set to the same house code. If freezer temp returns to normal, all lights remain on.
- 3) Turns on Lamp and Appliance modules set to the same house code and unit code as the interface. After the freezer temperature returns to normal it will turn these same modules off.

OPERATIONS:

For best results, plug the Powerflash into a different power circuit than that used by the unit. Most US homes have a separate circuit for the refrigerator. Let the sensor sit in the freezer for 1 hour prior to use in order to allow the temperature to stabilize and begin normal operation.

The sensor can be tested by removing from the freezer. Within 15 minutes, the unit will trigger the Powerflash.