

Power Failure Sensor

Part Number: PFS-100 US
PFS-100 UK
PFS-100 UN
PFS-100 NPS

Get alerted if city power fails and your gear is running on the UPS

The Power Failure Sensor is an analog sensor that enables a Geist Climate Monitor to detect line voltage and send an alert through email or SNMP trap if power is lost. This provides time to either restore power or properly shutdown the system before backup power is exhausted.

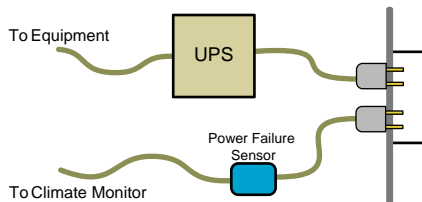
A wall transformer powers the sensor and allows the Power Failure Sensor to detect city power. Status LEDs in the sensor's plastic enclosure provide a visual indication that power is detected. A pair of signal wires are attached to the sensor. These wires are used to connect the Power Failure Sensor to a Geist Climate Monitor.

Connecting to the Geist Climate Monitor

Since the Power Failure Sensor is an analog sensor, it can connect directly to the Analog Input terminals of the Geist Climate Monitor. If the model of climate monitor either doesn't have analog inputs, or they are all being used, then an Analog to Digital Converter will allow you to attach a Power Failure Sensor to a digital sensor port.

Alarms

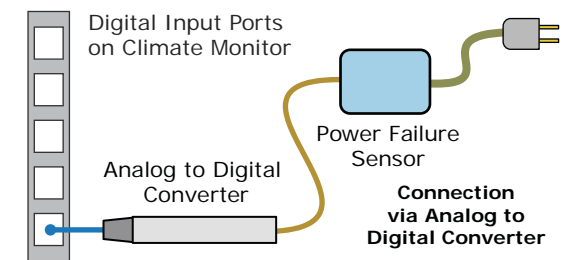
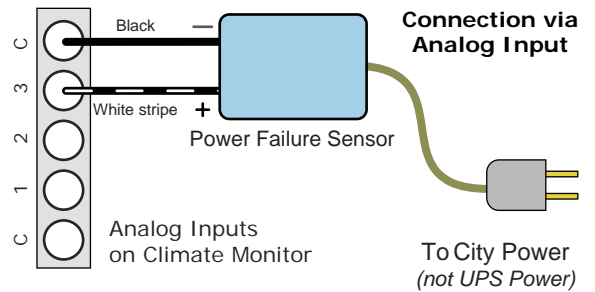
Alarm thresholds can be configured on the Alarm page of the Geist Climate Monitor. With the appropriate thresholds the Geist Climate Monitor will send you an alert if power is lost, through email or by SNMP trap.



The Power Failure Sensor detects if power is lost to the UPS, allowing the Geist Climate Monitor to send an alert.



The Power Failure Sensor consists of a wall transformer style power supply. The plastic enclosure has status LEDs and signal wires for connecting to a Geist Climate Monitor.



A Power Failure Sensor connected directly to an Analog Input of a climate monitor.

Sensor Details

Wall Transformer Power Supply

Input voltage: 100-240 VAC
Plug: US-style, British-style, or Universal plug kit
Power cable: 5' (power to sensor)

Specifications

Indicators: 3 status LEDs
Signal cable: 100' (sensor to Geist Climate Monitor)
Warranty: 1 year

Compatibility

Works with all climate/power monitors with analog ports
Compatible with Analog-to-Digital Converter