

GEIST™ SMOKE DETECTOR

Quick Installation Guide



Part Number:

SD2

Description

The SD2 is a photoelectric Smoke Detector with a 120 VAC power supply included. It interfaces with a Geist environmental monitoring device.

WARNING: *The Smoke Detector is intended to provide supplemental protection for equipment in data centers only. It should not be used as protection for structures or personnel.*

NOTE: *If the Geist environmental monitoring device does not have analog/dry contact inputs, the Geist A2D analog-to-digital converter can be utilized for conversion to an RJ12 sensor port.*

Installation

1. Mount the Smoke Detector in the desired location.
2. Route the smoke detector's two-conductor alarm wire to the analog/dry contact inputs of the Geist device. Attach the common wire to terminal C and the remaining wire to terminal 1.
3. Plug in the power supply. Allow up to 80 seconds for complete boot up. The green LED blinks every five seconds to indicate complete boot up and normal operation (standby mode).
4. Test the sensor with the Geist environmental monitoring device using the recessed test switch on the Smoke Detector. When the Smoke Detector is in the Alarm state, the I/O reading drops below 10 and the red LED indicator remains lit.

Geist™ Smoke Detector



NOTE: *Once the recessed test switch is triggered, reset the Smoke Detector by unplugging the power supply or removing the smoke detector from the mounting base.*



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