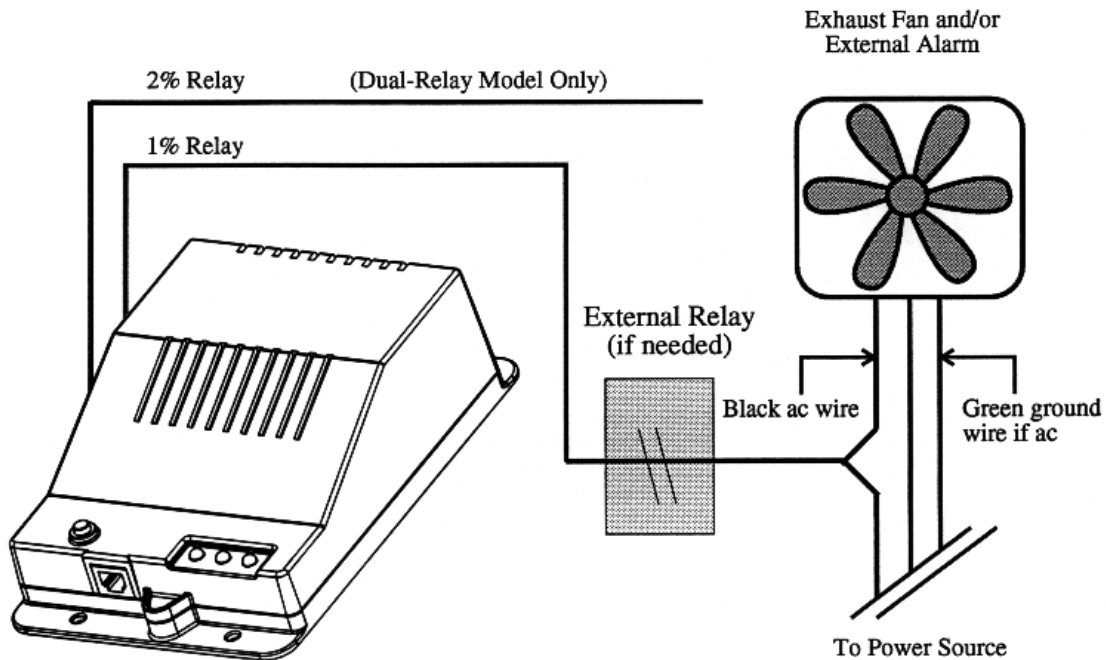


# HGD - Hydrogen Gas Detector

## Installation Diagram Single and Dual Relay Models



1. The detector has an internal, normally-open Form A relay that closes if the sensor detects a 1% concentration of hydrogen gas in the air surrounding it. The dual-relay model has a second relay that closes at a 2% concentration.
2. Connect the wires from the relays in "series" with the live wire (black) of the ac input line to the exhaust fan and/or alarm.
3. The detector's internal relays are rated at:
  - 10 amps at 250 volts ac
  - 10 amps at 30 volts dc
  - 1/3 horsepower at 125 volts ac
  - 1/3 horsepower at 250 volts ac
4. For currents higher than these relay ratings, add an external relay (shaded item in the sketch above).