Precision control switch for absolute correct heater time duration.

East 30 Sensors
Sensors for biophysical research.

SCHEMATIC

- The circuit will run the 1.5 amps needed for 5 sensors (each sensor is approximately 300 mA). The diode is for reverse polarity protection.

PARTS LIST
Parts available from Digi-Key.

- 1 SA12ADI diode
- 2 100K 5% resistor
- 1 200K 5% resistor
- 1 IRF9523 HexFET
- 2N2222A PNP transistor
- terminal block connector
- perf board
- wire

CAUTION: The transistor and the HEXFET are static sensitive until they are completely soldered into the circuit.

You can build this circuit yourself or Thermal Logic can supply you a finished and tested board that saves you time and money.

- We have parts inventory.
- We have experience building the boards.
- The board is guaranteed to work.
- The circuit back is encapsulated with non-conductive epoxy.

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