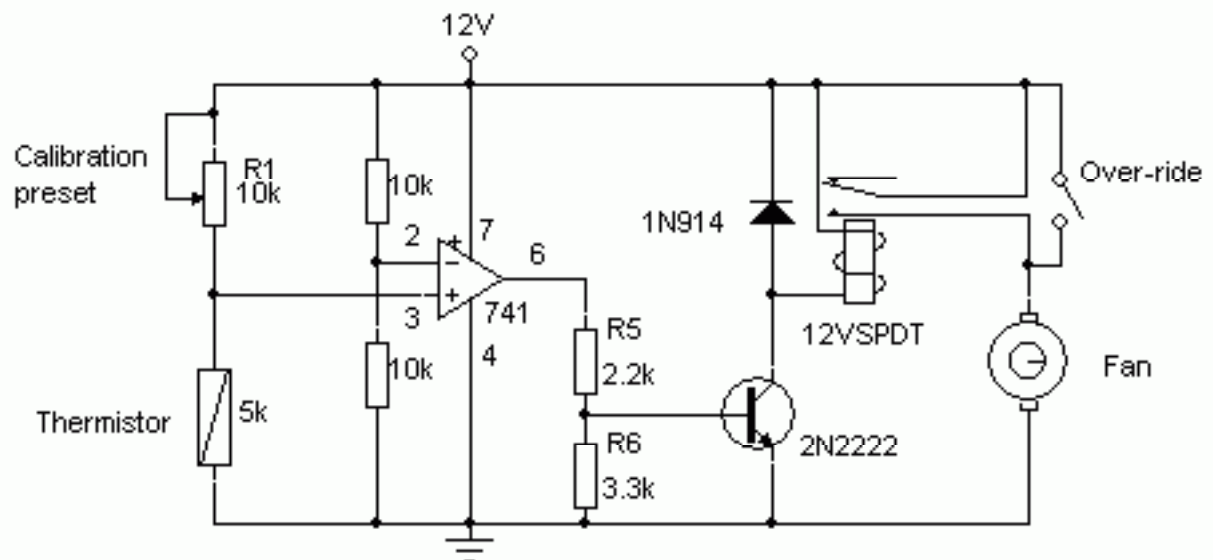


Temperature switch



NOTES

- 741 works fine, but could use any of many other modern opamps, such as 324, 358, etc.
- Use any general purpose NPN capable of carrying relay current
- Thermistor and preset pair chosen so that at the required switch-over temperature, the thermistor's resistance is within the preset's range.
- Circuit forms a classic 'bridge' configuration, so when it's close to balance the op-amp output can swing from full positive to full negative when difference between its pin 2 and 3 is only a few mv.
- LOW, very sensitive

Terry Pinnell, Sat 27 November 2004