

SVT3PRO

SVT-IIIAC
POWER AMP ASSY (07-426-01)
SPECIFICATIONS
SHEET 2 OF 2
29 MARCH 1993

FAN SPEED CONTROL:

AT HIGH TEMPERATURES, TS1 IS APPROXIMATELY 10°C COOLER THAN THE SURROUNDING HEATSINK. THERE IS ALSO A TIME DELAY ASSOCIATED WITH THE THERMAL TIME CONSTANT OF THE T0-92 PLASTIC CASE.

TS1 TEMPERATURE	IC1 PIN 7 VOLTAGE ($\pm 10\%$)
25°C	+3.1 Vdc
60°C	+650mVdc
80°C	-2.4 Vdc

THE HOT SPOT OF THE HEATSINK WILL BE APPROXIMATELY 95°C WHEN TS1 OPENS THE OUTPUT RELAY. IN A RAPID HEATING CONDITION, SUCH AS A SHORTED OUTPUT, THE THERMAL TIME CONSTANT MAY ALLOW THE HEATSINK TEMPERATURE TO RISE TO 120°C.