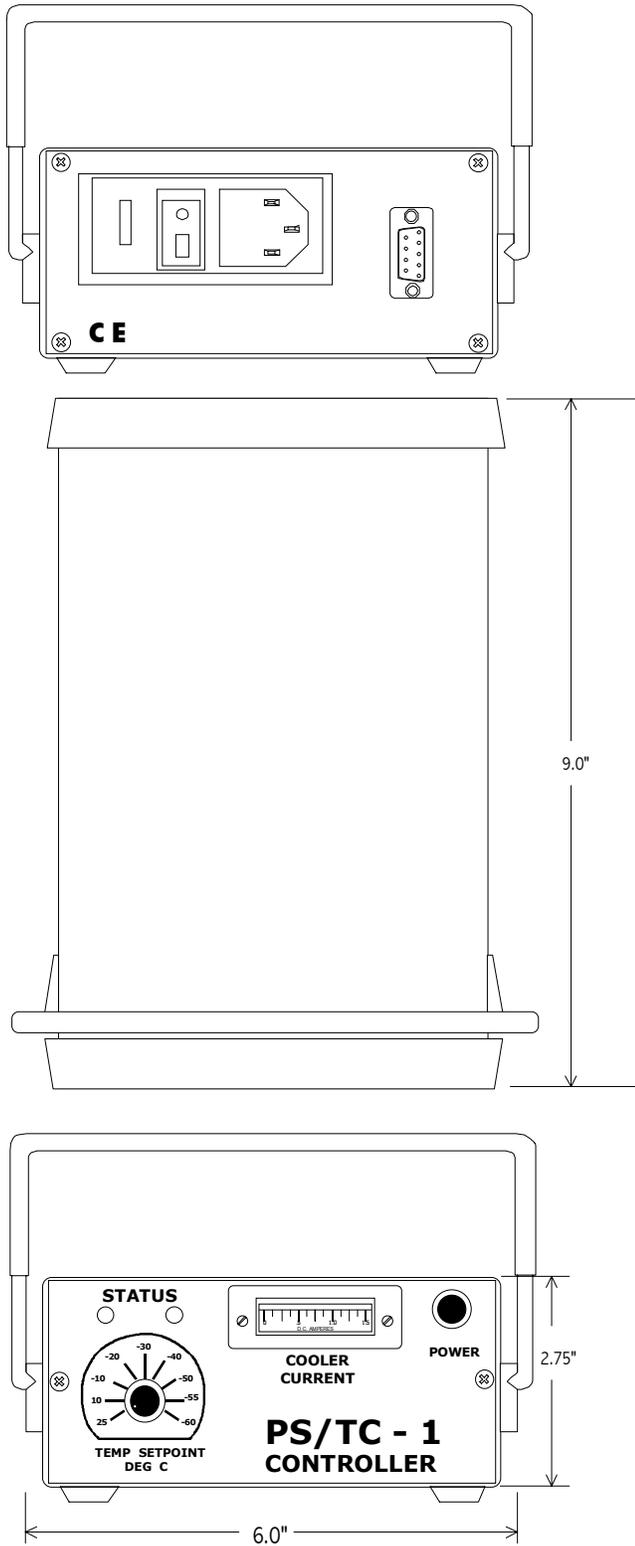
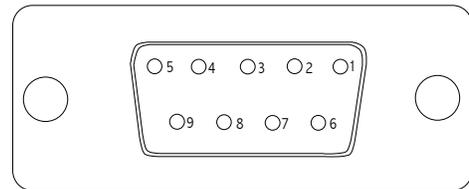


## PS/TC-1 TEC Power Supply / Controller



The PS/TC-1 is a low-noise power supply/thermoelectric cooler controller designed primarily for powering Electro-Optical Systems' photoreceivers which utilize thermoelectric coolers.

**CAUTION:** prior to use the input voltage must be properly set at either 120VAC or 240VAC. Unless otherwise specified, the factory setting is 120VAC. The voltage is selected by rotating the small board beneath the fuse to read either 120 or 240.



### DB-9 PIN OUT

1	COOLER (+)	6	+V
2	COOLER (-)	7	-V
3	THERMISTOR	8	GND
4	THERMISTOR	9	CASE GND
5	NO CONNECT		

### SPECIFICATIONS

Output Voltage	± 15 V
Output Current	± 100 mA
Regulation	0.02 % line & load
Ripple	0.5 mV RMS max output
Connections	One 9-pin Dee-Jack Connector
Input Power	120 VAC/0.5 A & 240 VAC/0.5A
Cooler Output Voltage	3.0 V max
Cooler Output Current	1.5 A max
Thermistor Resistance Range	1 – 150 kΩ