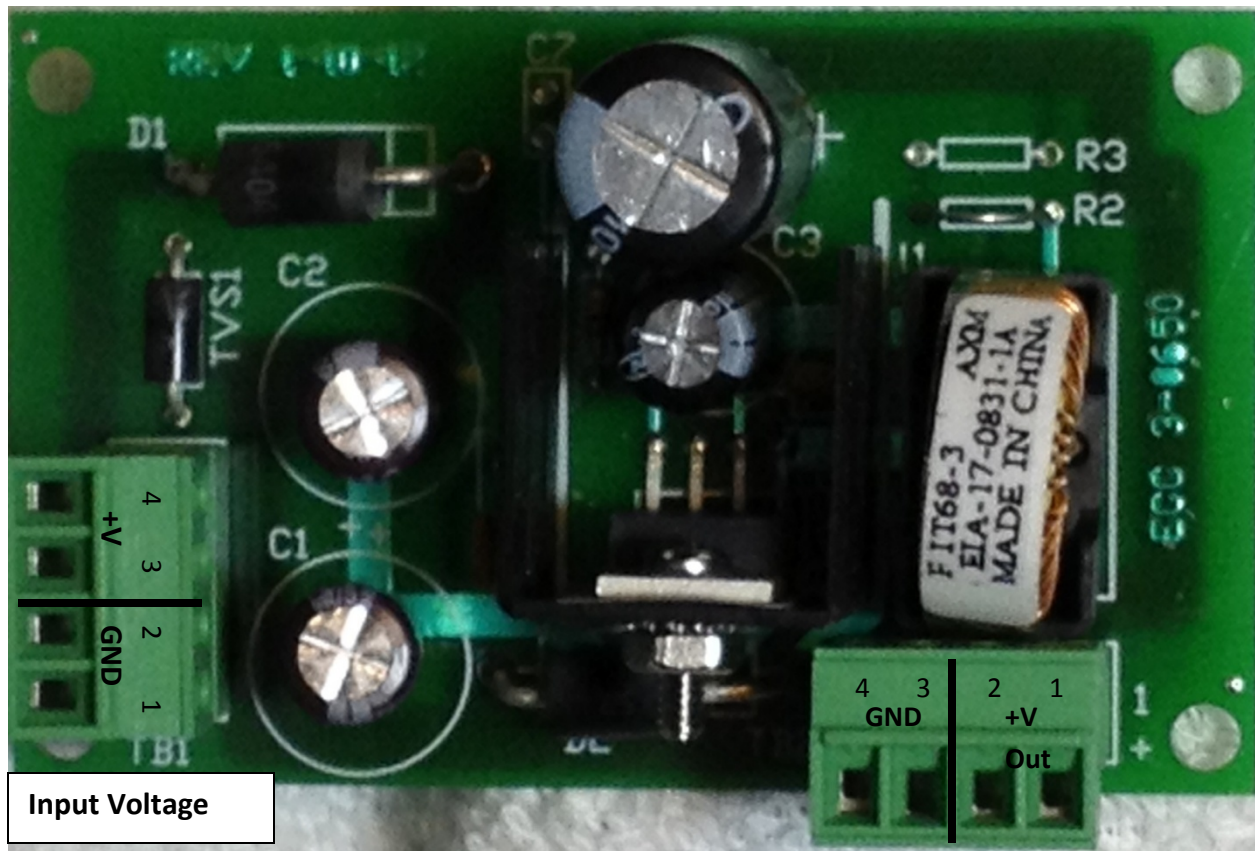


Switching Regulator

November 25, 2013



Model: SWREG-5; 5 VDC Output. *2

Model: SWREG-12; 12 VDC Output. *3

Features:

- Input volts: SWREG-5 = 8.0 to 40 VDC, regulated or un-regulated. *1
- Input volts: SWREG-12 = 15.0 to 40 VDC, regulated or un-regulated. *1
- Thermal shut down protection.
- The SWREG-x can be panel mounted, three inch Snap Track mounted, or optional feet can be added to the Snap Track for DIN Rail mounting. The circuit board measures 1.82 x 2.95 inches.

*1 Low voltage AC can be used – 28 VAC, RMS Maximum.

*2 Over temperature range, the output may vary from 4.85 to 5.15.

*3 Over temperature range, the output may vary from 11.76 to 12.36

Maximum Current Based on Ambient Temperature

Current Amperes	Ambient Temperature °C SWREG-5	Ambient Temperature °C SWREG-12
4.00	65	59
3.75	69	63
3.50	73	68
3.25	76	72
3.00	80	76
2.75	84	80
2.50	88	84
2.25	91	88
2.00	95	92
1.75	99	96
1.50	102	100
1.25	106	104
1.00	110	108
0.75	113	112
0.50	117	116
0.25	121	120

Note: For a given operating current, if the ambient temperature exceeds the value listed, the regulator will over heat and shut down to prevent damage.