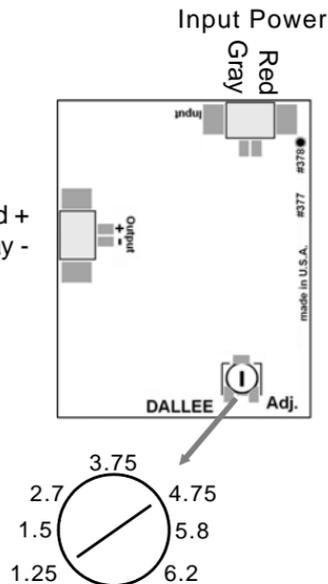


Adjustable Power Supply module

Item #378



Shown set for 1.25volts (full CCW)

Requires input voltage greater than the output voltage up to 30vAC or 35vDC maximum. Input voltage may be from a stationary supply or track power. Input power can be from an AC, DC, DCC or any sufficient voltage higher than the desired output up to 30 volts. Since the output is regulated, it will remain the same as set, independent of the input voltage. The output has short circuit protection to itself but can be damaged if shorted to other items.

OVERVIEW: The VRS can be adjusted from 1.25 to 6.2 volts DC (+/-8%). The maximum output current is 1/2 ampere. The VRS is suitable for many applications:

- stationary lighting of building interiors, building ceiling and outside lights, street lights, marquees.
- lighting passenger cars, cabooses. This unit is compatible with all types of track/control power.
- Since it supplies 6 volts, it can be used for various smoke units.
- lighting extra LED's from lighting strips.

INSTALLATION: The VRS has no electrical components or pc board tracks on the bottom side of it's board. This makes mounting an easy task on metallic or non-metallic surfaces. The VRS can be secured in place with glue, double sided tape, or Velcro. The pc board is of high quality glass epoxy. Wire assemblies provided plug into the board. Care must be given when unplugging not to pull on the wire's. You must pull on the lip provided on the wire connector end.

When powering extra LED's from RL-LED lighting boards be sure not to overpower them (keep the output voltage under 3.75 volts) and the polarity must be correct. Otherwise damage will occur to the LED's.

For precise output settings, use a voltmeter. Output voltage increases as the "Adj" potentiometer is rotated clockwise.

Do Not short the output power to any other source!

Input power has no polarity. Output power has polarity!

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