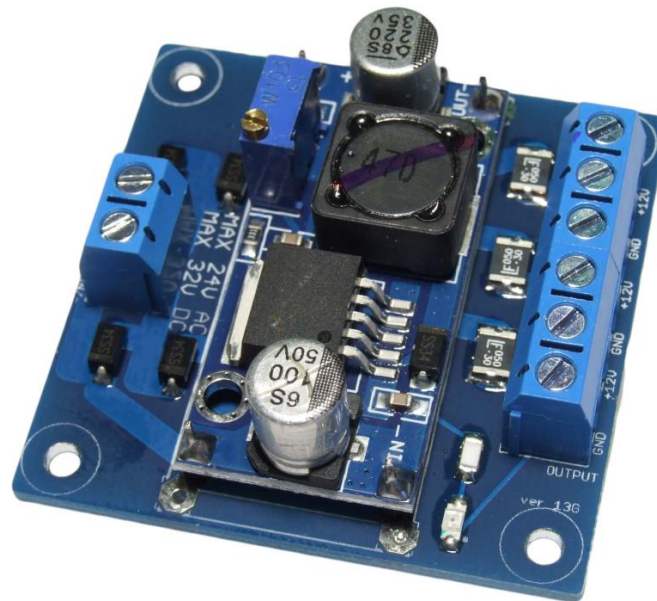


12V DC POWER SUPPLY WITH UNIVERSAL INPUT



This module fills the gap where a number of stable 12V DC power supplies are required for accessories, but only a single AC or DC power supply is available.

The input automatically adjusts for all power inputs in the range of 15V to 32V DC or 14V to 24V AC.

Each of the three 12V DC outputs has a 500mA self-resetting fuse, so in the event of a short circuit or overload, the power will be cut and then automatically reconnected after the fault has been cleared and the fuse has had time to cool.

On-board led indicates when the module output is present.

Specification

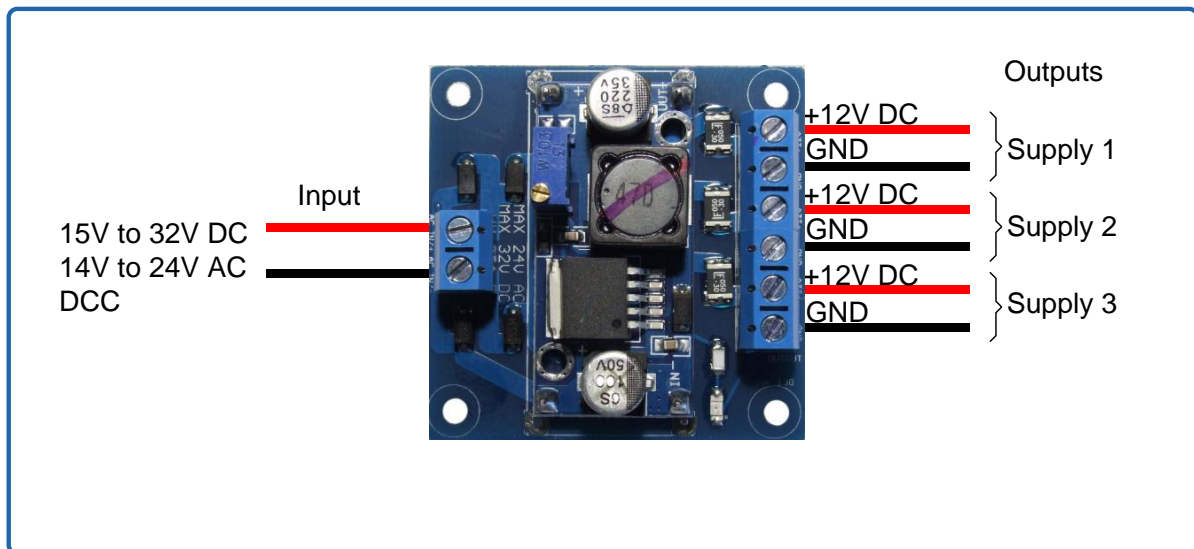
Output Voltage: Factory set to 12V DC +/- 4% (typically +/-2%)

Maximum Input Voltage: 32V DC or 24V AC

Minimum Input Voltage for stated Output Voltage: 15V DC or 14V AC

Maximum Current (per output): 500mA

Connecting Up



Notes

Each output is protected against excess current and short circuits by self-resetting thermal fuses. In the event of the fuse operating due to a fault, allow up to one hour for the circuit to reset.

The output voltage is preset in the factory to 12V DC. The output can be adjusted over the range of 2V to 37V by resetting the voltage adjustment (remove the small amount of adhesive compound from the screw first if necessary).

For the correct output voltage, the input voltage must be approximately 2.5V above the required output voltage. The output led is designed to operate up to 40V (although its output will diminish at lower voltages).