

Wiring a 10 or 20 way fused distribution unit

If you are using LED lights there must be a current limiting resistor in the wiring. Sometimes this is included in the light, check with the supplier. If there is no resistor put a 1K or 1000 Ohm resistor in series with one of the wires.

In the UK resistors can be bought from e.g. Maplins. In the US try Radio Shack

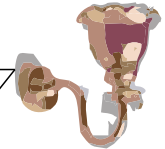
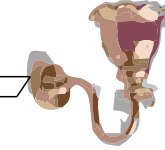
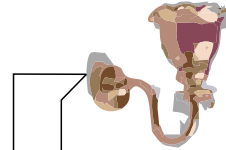
Single room Light wire to one set of terminals



Single Room Light or a chandelier wire to another set of terminals



Single wall light or room socket.



Two wall lights can be Wired in parallel to one set of terminals if you wish.

Be sure to remove approx 10mm of insulation from the end of each wire before inserting it into the screw terminal

All the lights in your model can be wired to any pair of terminals. These examples just show you how to wire some of them. Each pair of terminals is marked and provides 12V and 0V for an individual circuit.

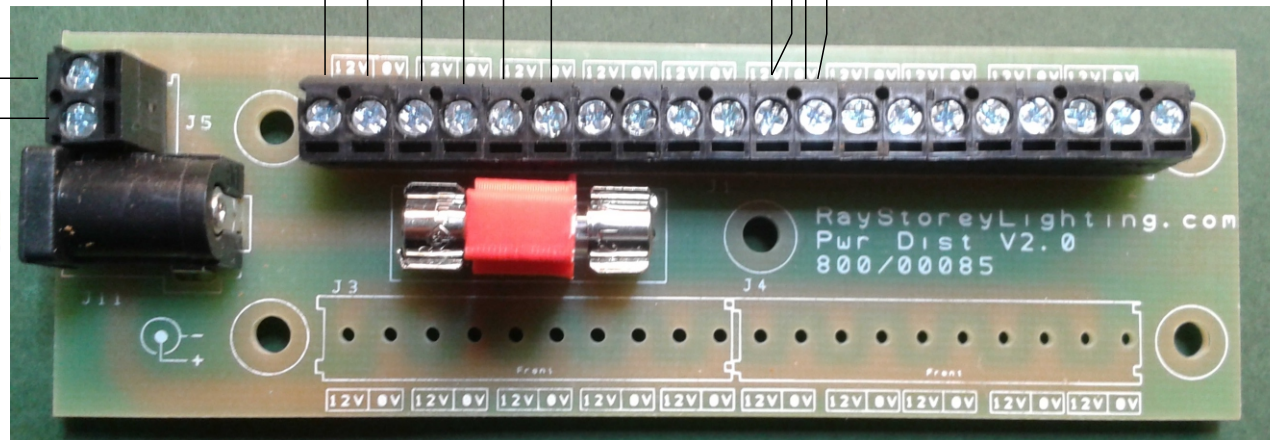
10 Way fused Distribution unit mount it out of the way on the back of your model near where your wiring comes out , but it must be on an insulated surface e.g. wood.

You can wire a 12V DC power supply to either input, you don't need to wire to both!

+12V

0V

OR plug in 12V Power Supply



MAX fuse capacity is 3 amps.