

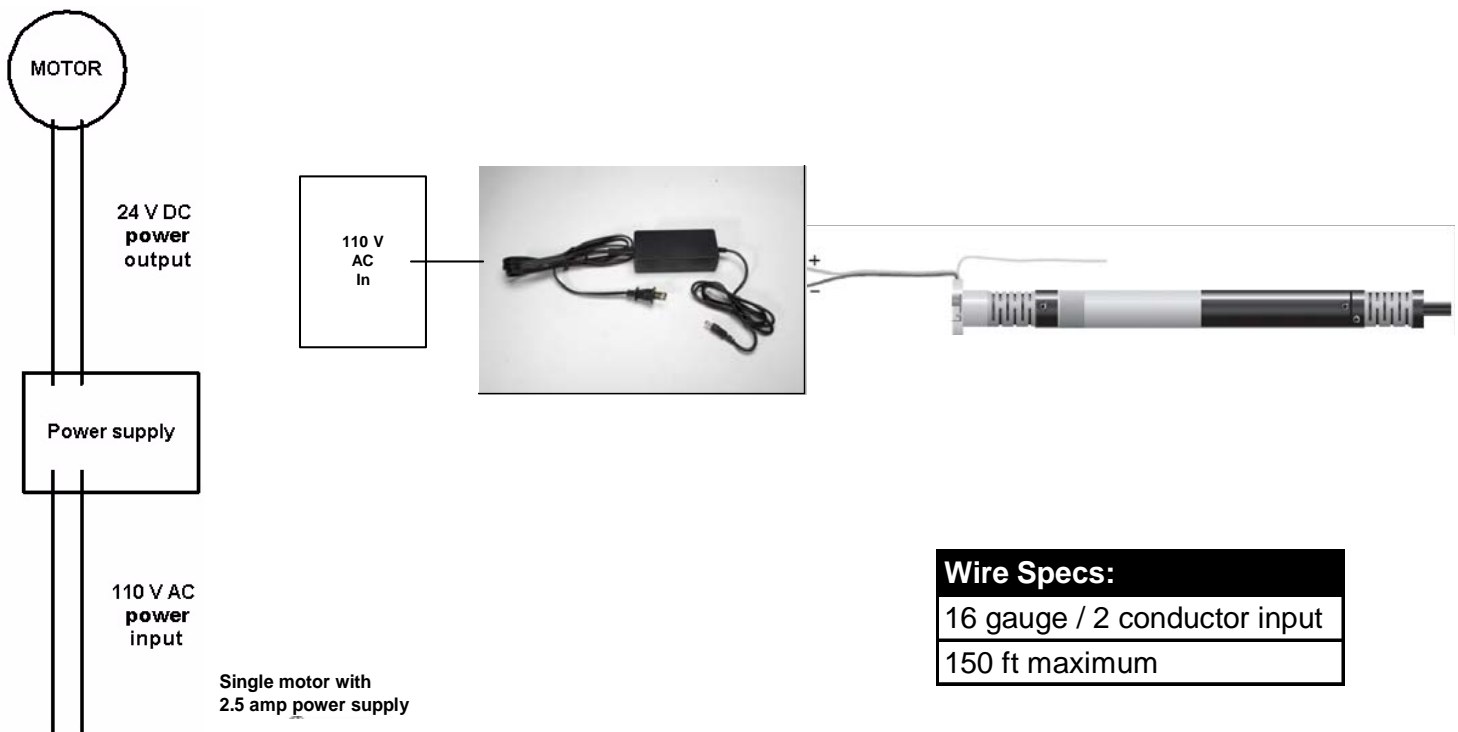


# PRE-WIRE FOR 24 V DC RADIO MOTOR

## Wireless Radio Frequency Switch Applications (1 of 2)

### Important Motor Information

1. Insolroll Radio Motors must be home run to the power supply. An appropriate sized power supply is used to convert high voltage to low voltage.
2. The ability to cut power to each motor individually is required to program the radio receiver.
3. Motors draw up to a maximum of 1.8 amps at start up.
4. Insolroll Radio Motors and receivers can be programmed to operate off on multiple radio switching input devices (hand-held transmitter, wireless in-wall switch, wireless radio sensor, or home automation interface module). Range from transmitter to motor head is up to 65 ft. A Repeater is available for applications beyond that range.
5. Radio DC motors and receivers can be programmed to operate individually and in groups.



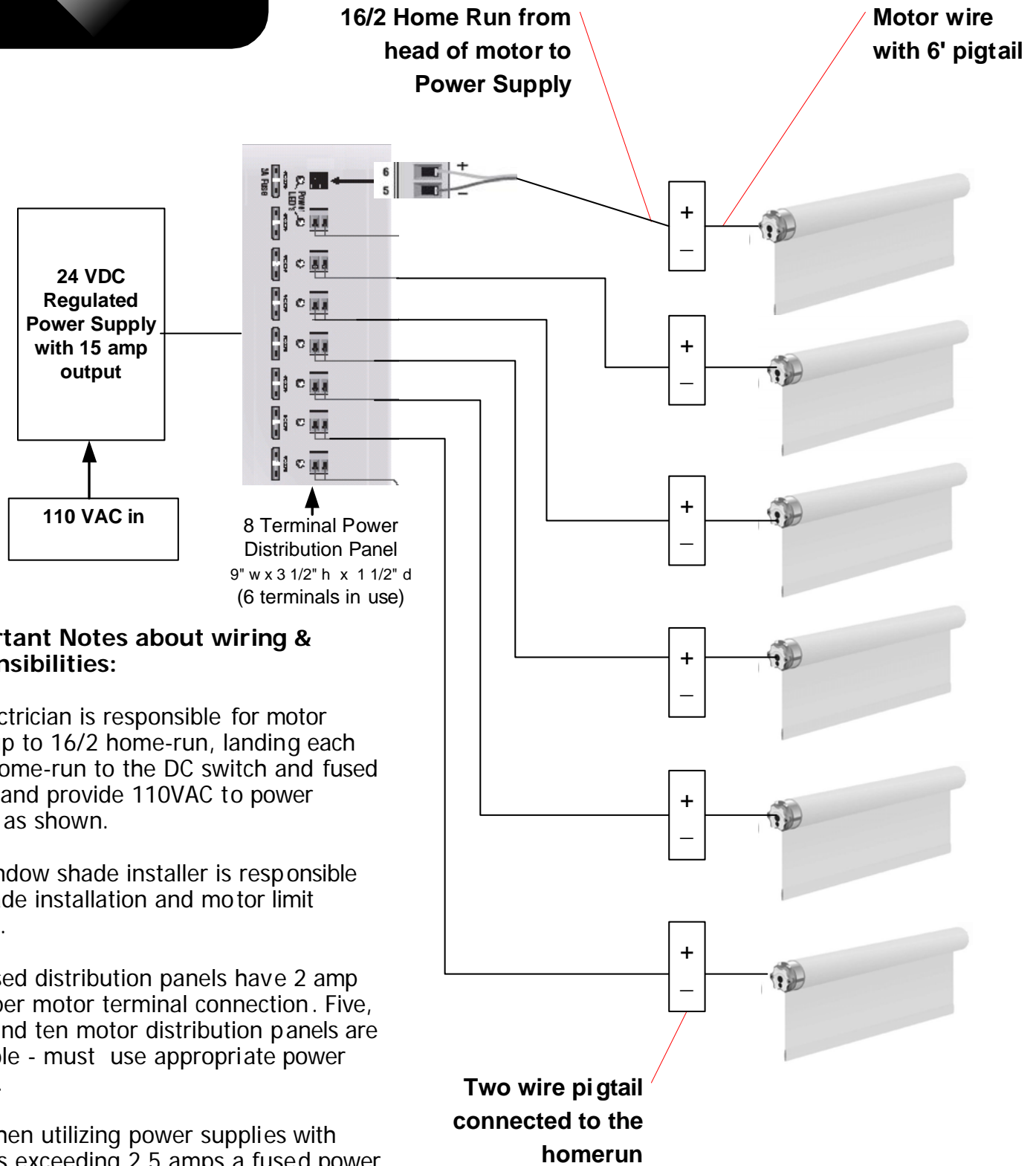
### Additional Project Considerations

1. Important Safety Note: When utilizing power supplies with outputs exceeding 2.5 Amps a fused Power Distribution Panel is required. Failure to provide this item creates a fire safety hazard.



# PRE-WIRE FOR 24 VDC RADIO MOTORS

Wireless Radio Frequency Switch Applications (2 of 2)



### Important Notes about wiring & responsibilities:

- 1) Electrician is responsible for motor hook-up to 16/2 home-run, landing each 16/2 home-run to the DC switch and fused panel, and provide 110VAC to power supply as shown.
- 2) Window shade installer is responsible for shade installation and motor limit setting.
- 3) Fused distribution panels have 2 amp fuses per motor terminal connection. Five, eight and ten motor distribution panels are available - must use appropriate power supply.
- 4) When utilizing power supplies with outputs exceeding 2.5 amps a fused power distribution panel is required. Failure to provide this item creates a fire safety hazard.

**Two wire pigtail connected to the homerun**