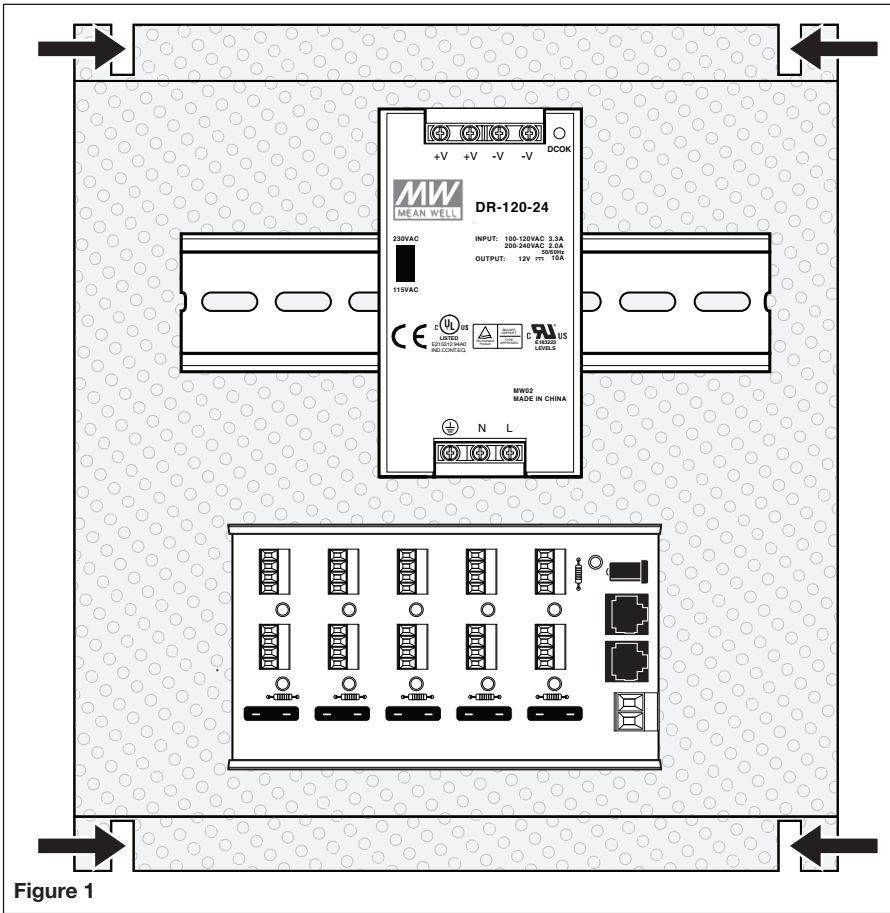


## PRODUCT OVERVIEW



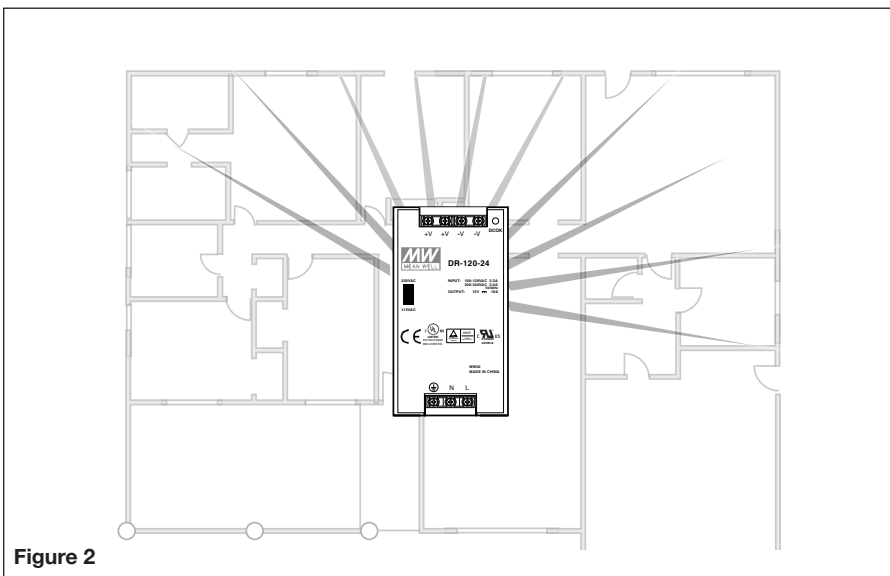
### 24VDC MULTI MOTOR POWER SUPPLY 8-10 MOTORS

**CAUTION: A licensed electrician is required for all 120v electrical connections.**

1. Install multi motor power supply enclosure using appropriate fasteners for chosen substrate (not included).

**Note:** Common locations for mounting the enclosure include cabinets, utility closets, electrical area, basements and garages.

**CAUTION: Do not mount to ceiling with components facing down. May result in damage due to falling components.**

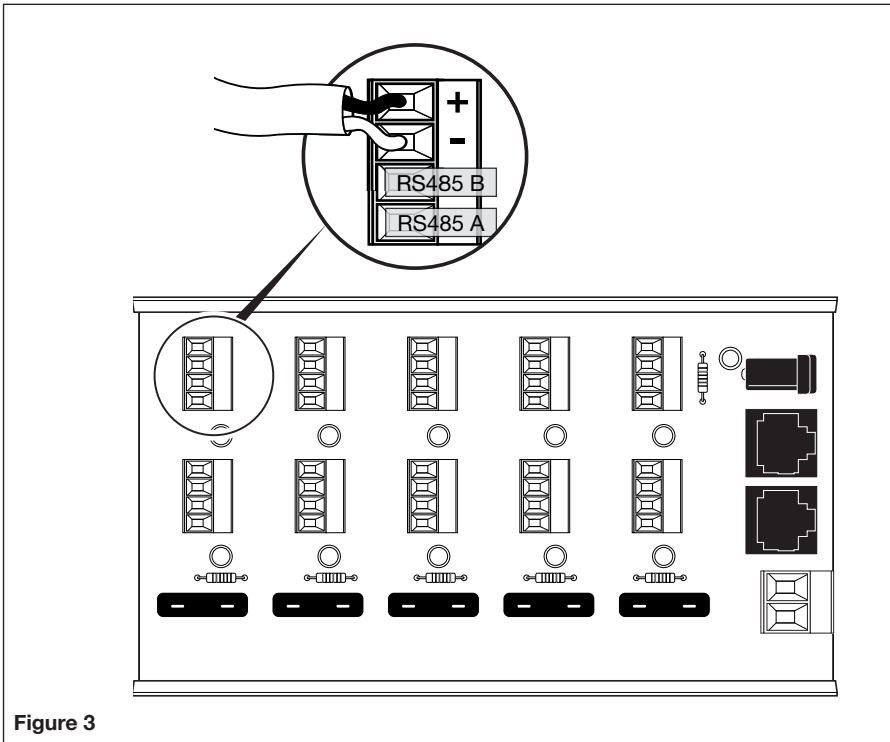


2. Home run low voltage wire from power supply location to each motor location using 16 gauge 2 strand wire (max distance 150 ft).

**Note:** Each motor must have an individual run of wire.

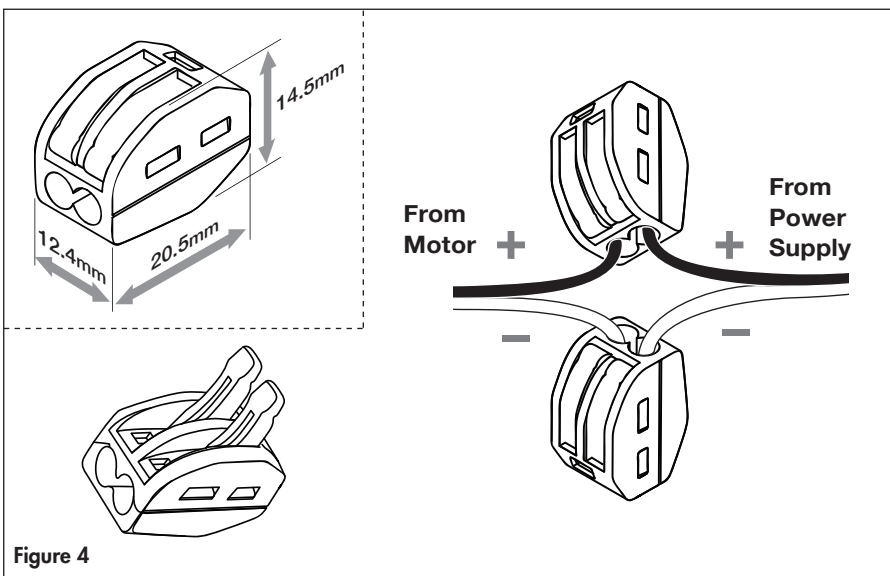
**CAUTION: Do not staple or pinch wires as this can cause a short in the wire resulting in blown fuse.**

## 24VDC MULTI MOTOR POWER SUPPLY INSTRUCTIONS



3. Connect wires to positive (+) and negative (-) at each motor port using a small screwdriver to firmly tighten.

Each port is protected by fuse (4 amp).



- 4A. Strip  $\frac{3}{16}$ " from each wire.

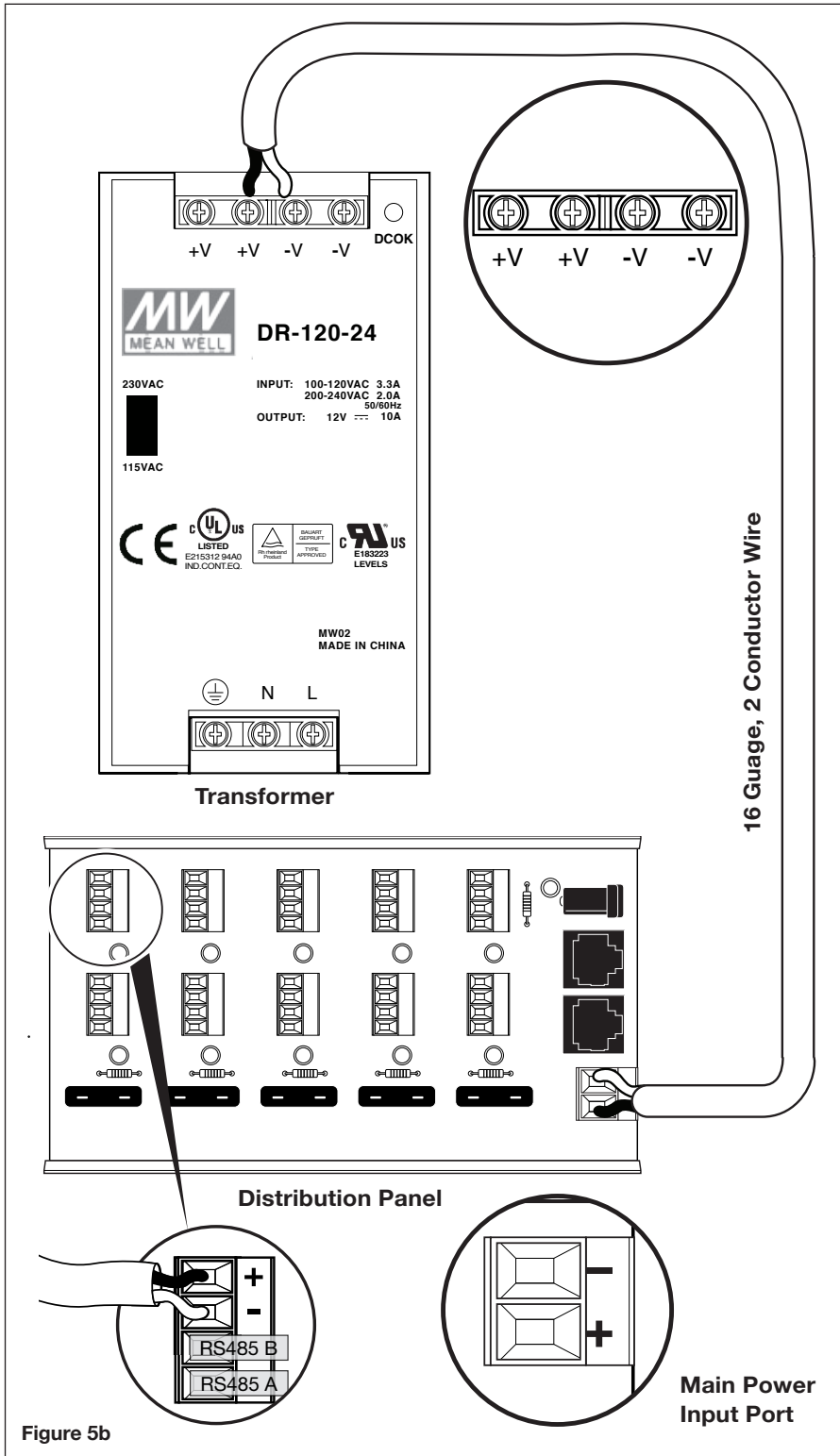
**Note:** Some motor leads have preformed connectors that need to be removed.

- 4B. Push up levers on lever nut.
- 4C. Insert positive wires (from motor and power supply) into lever nut and push down on levers. Insert negative wires into next lever nut and push down levers.

**Note:** Do not connect positive (+) and negative (-) wires within same lever nut.

- 4D. Confirm connections are secure.
- 4E. Integrated test port allows for insertions of volt meter prong for a convenient way to test voltage.

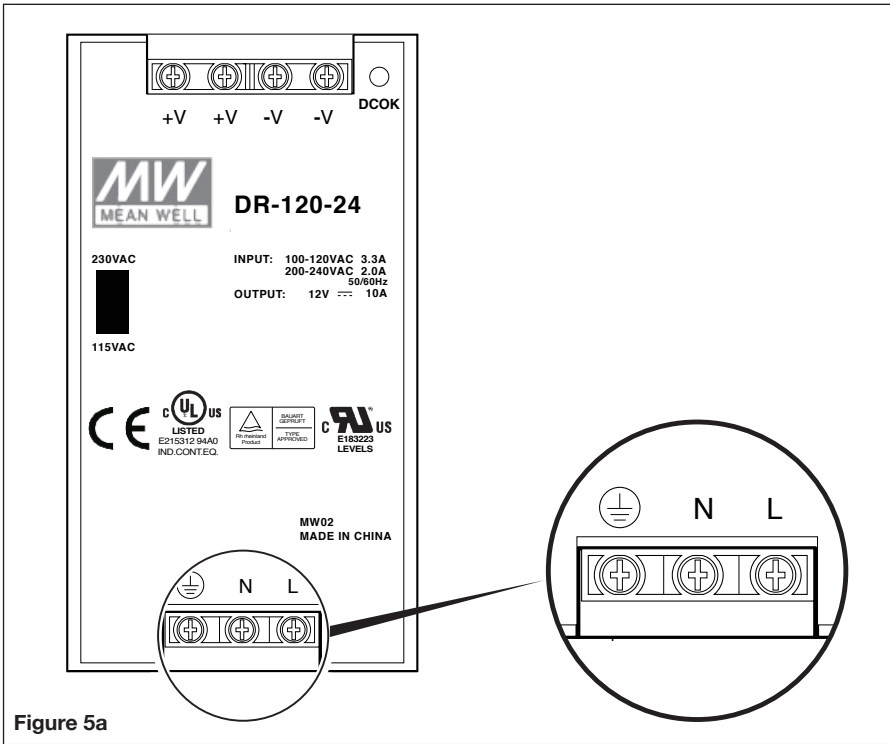
# 24VDC MULTI MOTOR POWER SUPPLY INSTRUCTIONS



5. Connect low voltage output from transformer to distribution panel using 16 gauge 2 conductor wire.

Using a small phillips screwdriver, attach positive ports and negative ports from the transformer to the main power input port on the distribution panel.

# 24VDC MULTI MOTOR POWER SUPPLY INSTRUCTIONS

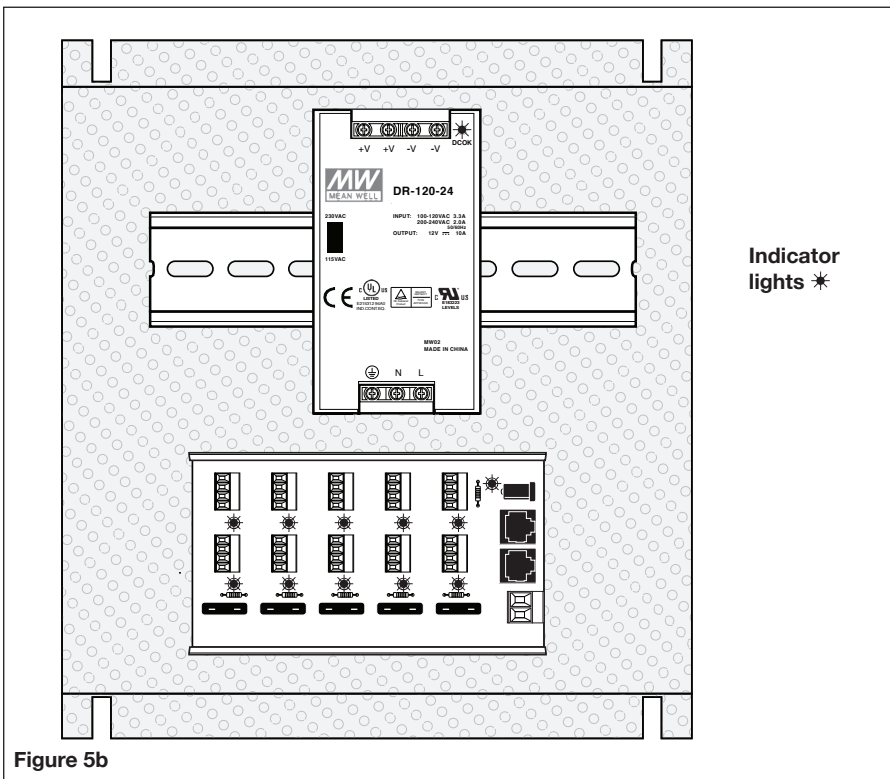


6. Have electrician install 120vac power to the transformer.

National Electrical Code® (NEC®) and all local codes must be followed.

7. Indicator lights will confirm power.

See programming instructions for shade operation.



### COMMON TROUBLESHOOTING

1. No lights are on the transformer unit?
  - Confirm power is connected.
  - Confirm breaker is on.
2. An individual light on the circuit board is not illuminated.
  - The fuse is not fully seated in the board.
  - The fuse is bad.
3. Where do I get replacement fuses/what type?
  - The fuses are 4 amp and can be purchased either through an automotive parts, hardware or home improvement center.
  - Confirm breaker is on.
4. Why do I keep blowing the fuse?
  - Power cable has a short in the wire.
  - The positive and negative wires are crossed.
5. The light is on the transformer but no lights are illuminated on the distribution panel?
  - Check connection between transformer and distribution panel to ensure proper port alignment.

### 24 VOLT - MULTI MOTOR POWER SUPPLY MODEL 39-5454-00

#### Description

The 24 volt Multi-Motor Power Supply is designed to power multiple motorized shades conveniently from a single power source. It has the ability to power up to 10 solar, roller, horizontal, soft horizontal or natural motorized shades or up to 8 cellular, pleated or roman motorized shades. Multi Motor Power Supply includes a hardwired transformer, power distribution panel housed in a NEMA 1 rated enclosure and lever nut wire connectors.

#### Electrical Specifications

Voltage Output: 12 VDC - 10 AMPS

Voltage Input: 85 ~ 110 VAC

#### Enclosure

NEMA 1 Cabinet

#### Dimensions

L: 12, W: 12, D: 6

#### Weight

~ 10 pounds