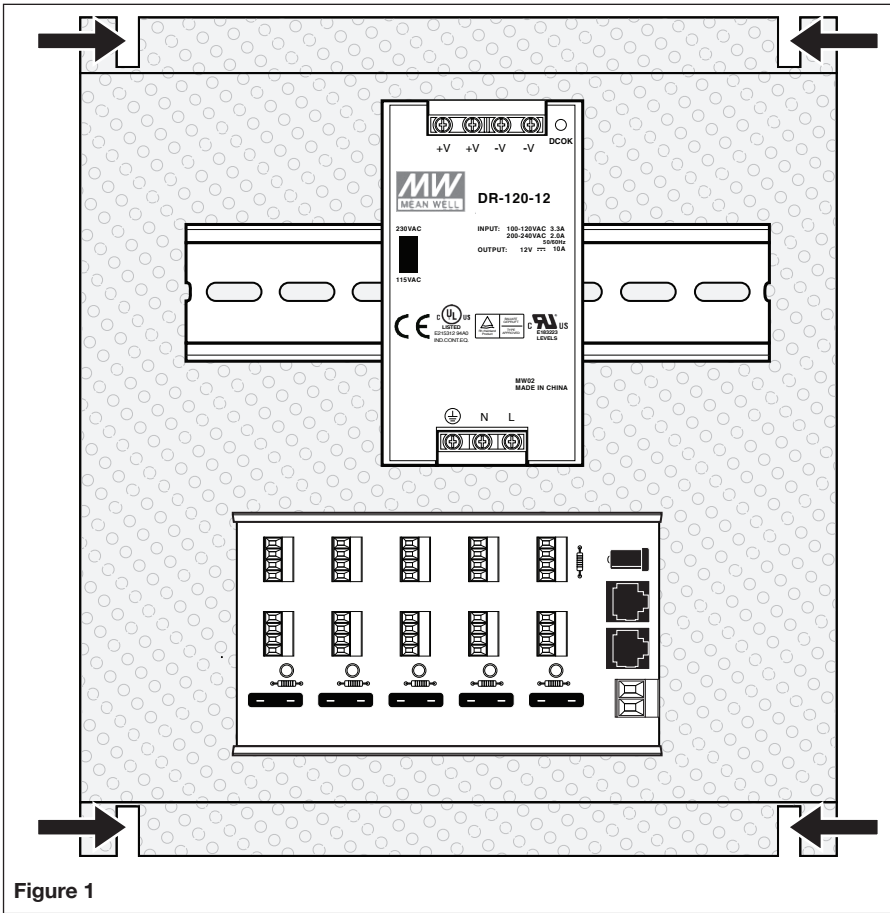


PRODUCT OVERVIEW



12VDC 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).

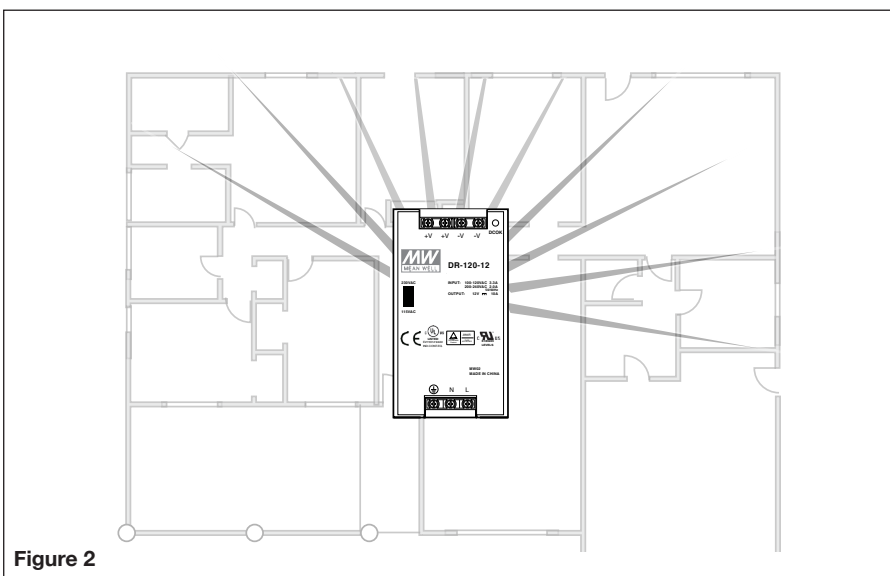
Note: Common locations for mounting the enclosure include cabinets, utility closets, electrical area, basements and garages.

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

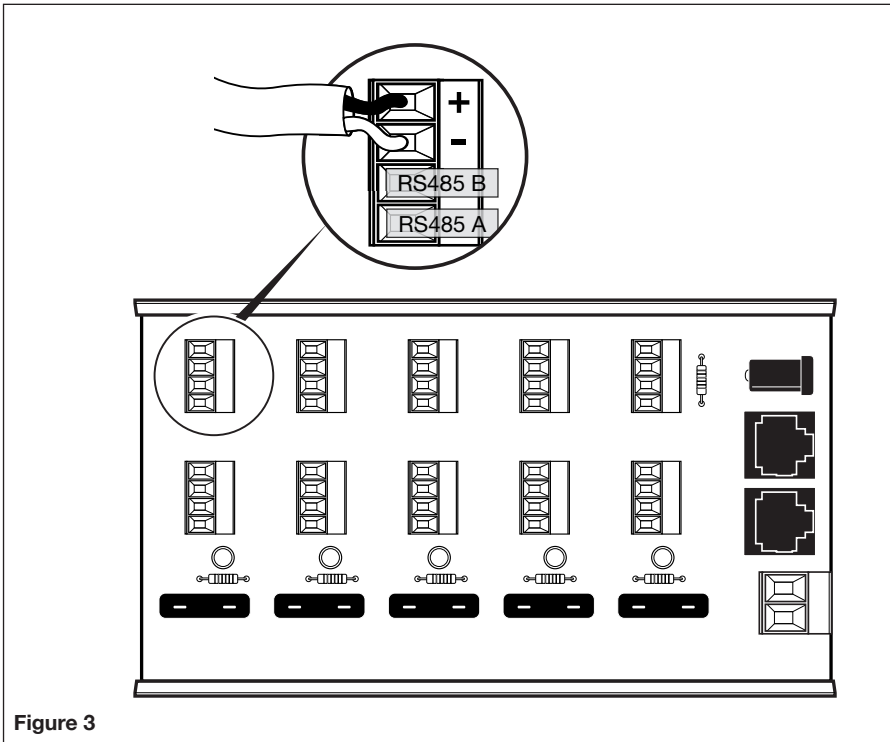
2. Home run low voltage wire from power supply location to each motor location using 16 gauge 2 strand wire (max distance 150 ft).

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.

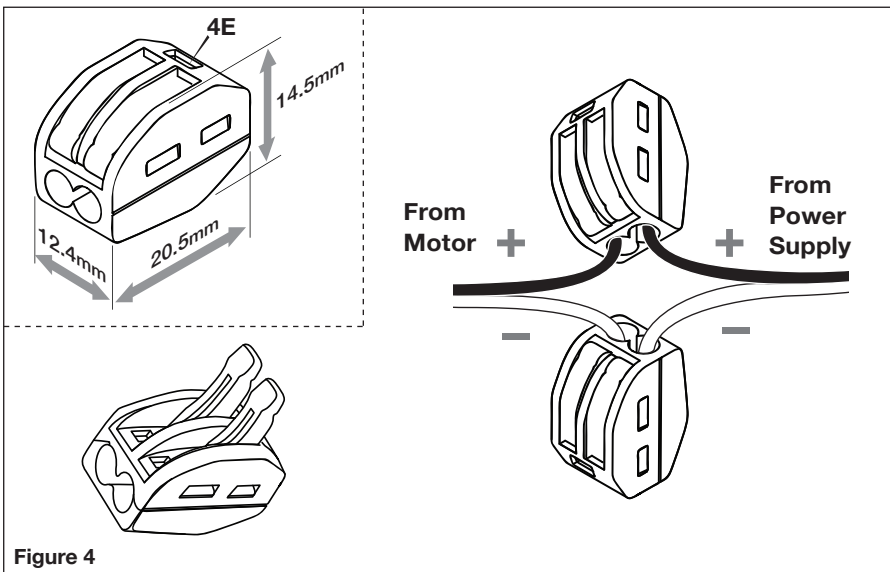


12VDC MULTI MOTOR POWER SUPPLY INSTRUCTIONS



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.

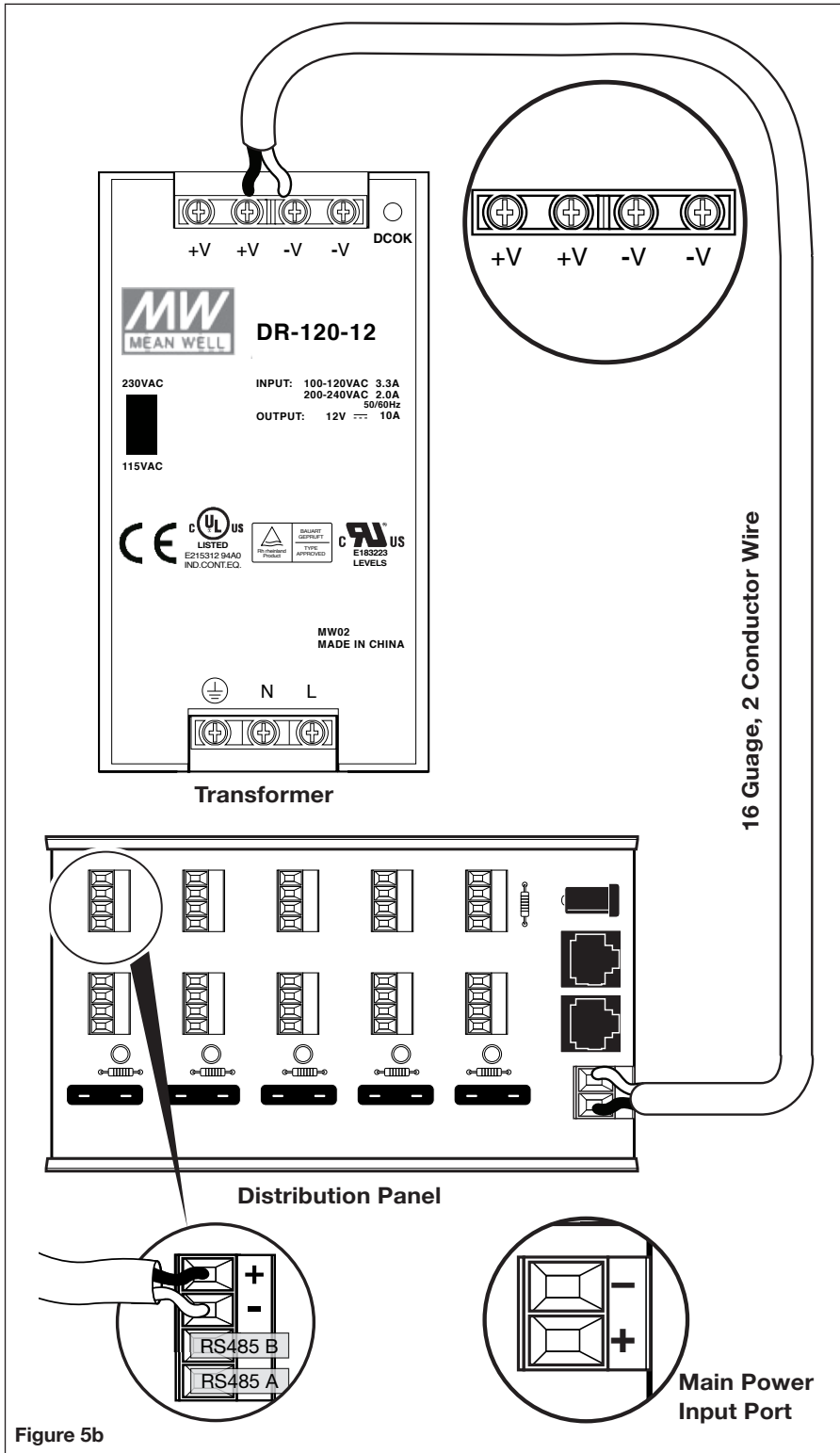
Note: Some motor leads have preformed connectors that need to be removed.

- 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.

12VDC MULTI MOTOR POWER SUPPLY INSTRUCTIONS

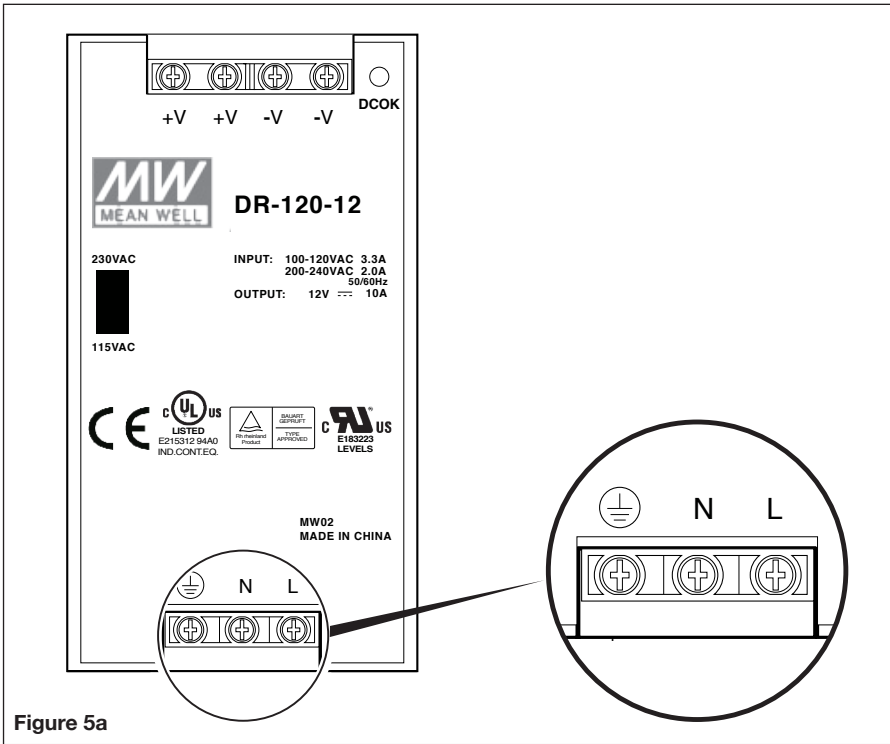


5. Connect low voltage output from transformer to distribution panel using 16 gauge 2 conductor wire.

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

Figure 5b

12VDC MULTI MOTOR POWER SUPPLY INSTRUCTIONS

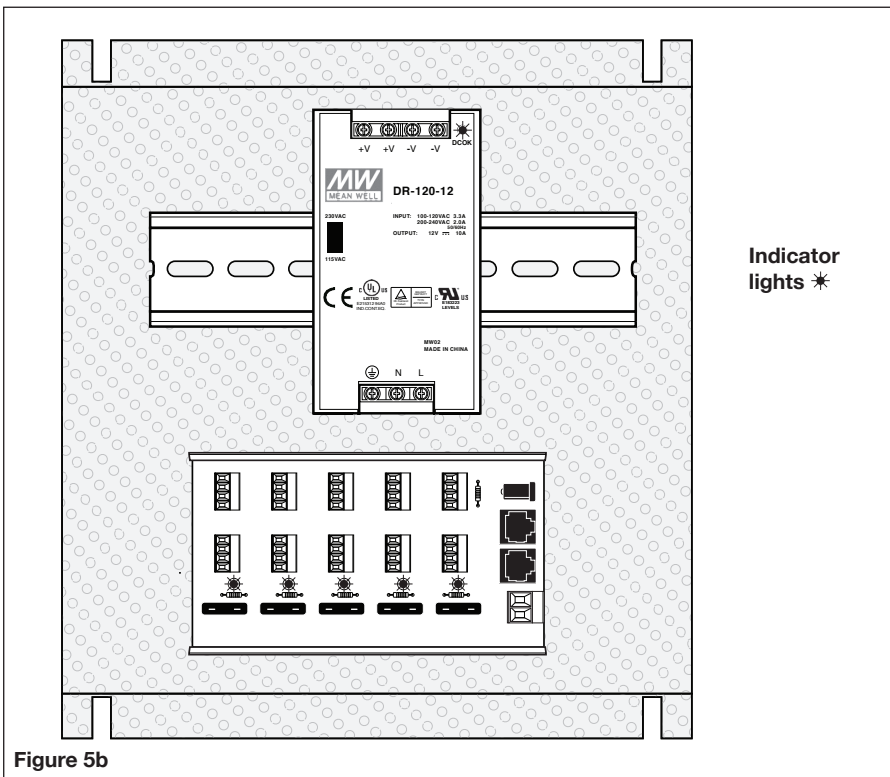


6. Have electrician install 120vac power to the transformer.

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.

12 VOLT - MULTI MOTOR POWER SUPPLY MODEL 39-5454-00

Description

The 12 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