

MYRON ♦ ZUCKER

INSTALLATION INSTRUCTIONS FOR TRAYMOUNT® BRAND CAPACITORS

GENERAL

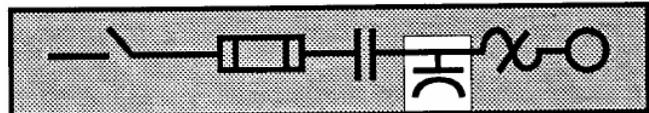
Congratulations! You have purchased the finest power capacitor available. All Myron Zucker, Inc. **Traymount®** brand capacitors are made with state-of-the-art metalized cells designed for low electrical loss and long life. All wiring, connectors, and other components are top quality. To ensure that you obtain satisfactory service from your **Traymount®** brand capacitors, please follow these installation instructions.

LOCATION

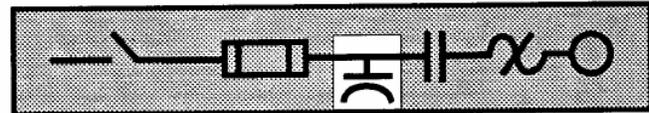
Where to connect capacitors:

Traymount® brand capacitors can be connected either at the load (Circuit 1), or on the line of a motor controller (Circuit 2). In either case, the capacitor must be connected through the motor disconnect device and must have overcurrent protection.

Avoid locations with harmonic voltages or currents. **CAUTION:** *Power factor correction capacitors alone are not for use in systems where harmonic currents can overload a capacitor with excess current and/or heat. Any warranty claims will not be covered if capacitors are exposed to harmonic currents. Contact Myron Zucker, Inc. for products that can be used in the presence of harmonics.*



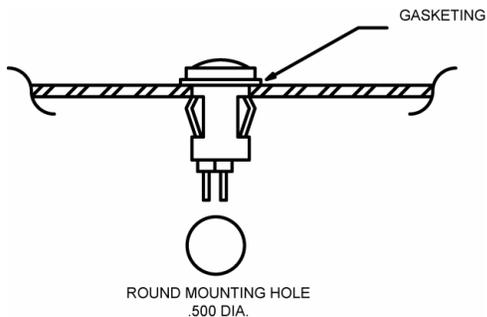
Circuit 1



Circuit 2

1

Mount warning lights in door or other appropriate place using diagram shown below.



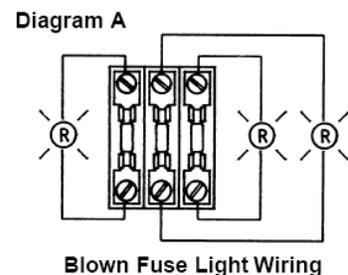
2

Suggested warning light configuration shown below.



3

Blown fuse lights should be wired as shown in Diagram A.



4

Proper wire size follow NEC 460.8 wire sizing & local codes.

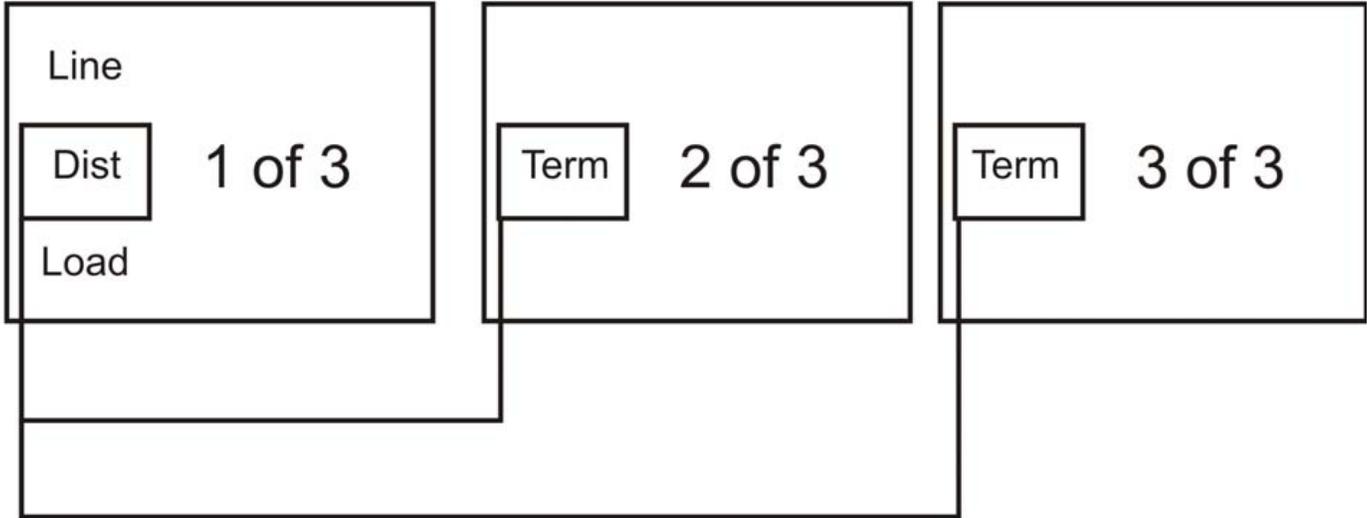
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POWER ♦ QUALITY

5

Large KVAR Traymount® Designs



Some **Traymount**® sizes consist of multiple trays due to large kVAR requirements. These trays must be interconnected within the MCC. The trays are numbered 1 of 2, 2 of 2, 1 of 4, 2 of 4, etc... The number one tray is always the final distribution point and all other trays parallel from the number one tray. The distribution block on the number one tray will have openings on the secondary side to allow for this connection.

6

Attach wires to capacitors. Electrical connections to **Traymount**® brand capacitors are made either to fuse blocks, terminal blocks, or distribution blocks. Connect a single wire to each terminal indicated by the line sticker, and be sure to attach a grounding wire to ground lug. The illustration below is an example of connection directly to a fuse block.

