

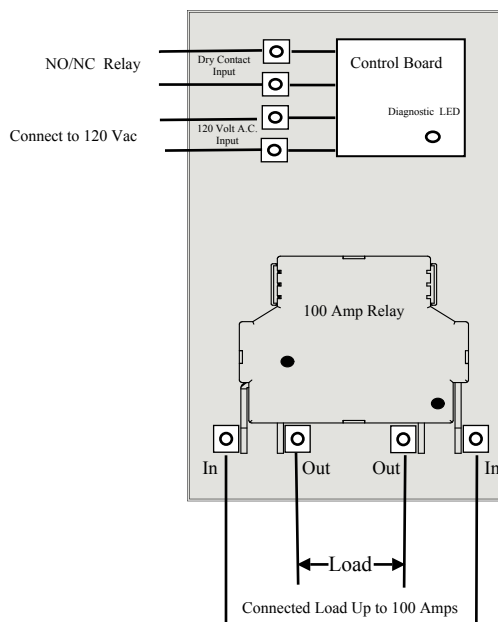


# Load Shedding Relay Module Installation Instructions

The relay module may be configured to drop the connected load by monitoring the loss of utility voltage or may be controlled by a dry contact originating from a generator transfer switch.

**IMPORTANT:** Magnetic Relays require power to change state. There is also a delay of one minute between cycles.

## Wiring Configuration for Dry Contact Control of Relay



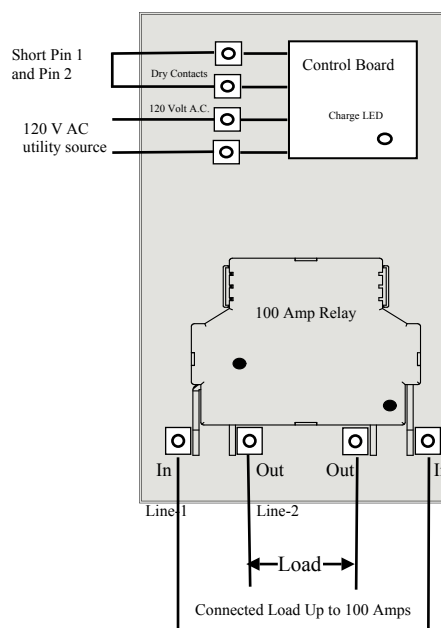
### Start Up & Testing Dry Contact Control

When power is initially connected to the 120 Vac input terminals the diagnostic LED will blink for 60 seconds and the relay will change state based on the condition of the dry contact input.

- 1) Dry Contacts OPEN - Relay Open
- 2) Dry Contacts Closed - Relay Closed

The relay will remain in position state until the state of the dry contacts changes. Note: There is a minimum delay of 30 seconds between state changes.

## Wiring Configuration for Automatic Disconnect when Utility Power is Lost



### Start Up & Testing Utility Voltage Control

When power is initially connected to the 120 Vac input terminals the diagnostic LED will blink for 60 seconds and the relay will change state to the ON condition.

- 1) Upon power loss the relay will change state to the OFF condition and remain in this state until the Utility Power is restored.

When utility power is restored there will be a one minute delay prior to reconnecting the LOAD.

For conditions other than those described above, please contact a PSP Inc. Account Representative at (800) 648-6802 , or FAX (703) 368-8376 or [www.surgeprogram.com](http://www.surgeprogram.com)  
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