RELAY REPLACEMENT PROCEDURE – GPN0100 PANELS

1. Turn the panel power **OFF**
2. Open the panel door and identify the CONTROL/ FAULT relay as shown in **Figure II**.
3. Push the black thumb latch located on the relay carrier toward the back of the panel. There will be an audible "click" when it shifts, and it will eject the relay cartridge from its seat in the carrier.
4. Remove the relay cartridge and destroy/discard.
5. Insert the blue solid state relay into the carrier seat. **Note the lead pattern on the bottom of the relay (Figure IV). The relay must be oriented so that this pattern matches up to the pattern in the carrier.** Also note that it has one less pin than the relay that you just removed **(Figure IV)**.
6. Press straight down firmly on the relay cartridge body. When it is seated, the black thumb latch will automatically move toward the front of the panel to secure the cartridge in place.
7. The replacement procedure is now complete **(Figure III)**. Operation of the panel is exactly as it has always been.

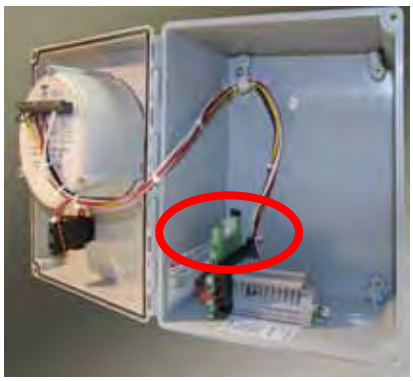

Figure I - GPN0100 Panel

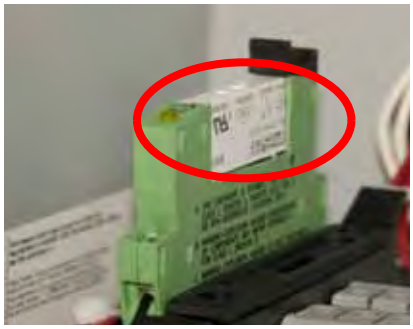

Figure II - Relay Location

Figure III - Completed Relay Change

Current Relay | **Replacement Solid-State Relay**

Figure IV – Electro-Mechanical vs. Solid State Relay