The GFD Model 3-Phase Ground Fault Display is intended for the use on grounded systems to detect and indicate the phase of the first ground fault condition. This enables corrective action to avoid the potential hazards resulting from a second ground fault. With a nominal 3 phase line voltage applied, a flashing normal green LED gives indication of a non-fault condition and integrity of the wire connection to the corresponding phase. When there is a phase-to-ground fault or a lost connection to the corresponding phase occurs a flashing red LED gives positive fault indication.

INSTALLATION
BE SURE TO TURN THE POWER OFF PRIOR TO INSTALLING THIS DEVICE
1. Follow all Local, State, and National Electrical Codes when installing this equipment.
2. A 7/8" hole or 1/2" conduit knockout will have to be located on a visible surface of the panel being monitored. When mounting on a hinged door, place the hole location as close to the panel hinge as possible. This will reduce the amount of cable slack required to properly open and close the panel door. See Figure 1.
3. Remove the mounting hardware and insert the wiring harness and the threaded nipple through the hole. Secure the unit in place by reinstalling the locknut. Do not overtorque.
4. Refer to Figure 2 for proper wiring connections.
NOTE: Matched color pairs must be kept linear from line to load side of the fuse(s). Solid color to the line side, white striped to load side.
5. TURN POWER ON. All three green LEDs should flash independently at a rate of 2 flashes/sec, indicating a normal operating condition.
6. If all three LEDs do not flash, TURN POWER OFF and check wiring connections.

MAINTENANCE
Upon final installation, no routine maintenance is required. A periodic check of the system is recommended. The GFD model is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return goods authorization number before shipping.