



DANGER! Hazardous voltage. Can cause death or serious injury. Turn off and lock out power supply before installing PB-Series GFCI Breaker.

SAFETY INSTRUCTIONS:

- The GFCI will not protect a person against a line to line shock hazard.
- To minimize false tripping: Do not connect to swimming pool equipment installed prior to adoption of the 1965 National Electrical code.
- Do not ground neutral on the Load Side of the GFCI.
- Test GFCI once a month. See test instructions below.
- Not for use in portable or cord-connected applications. Use only in permanently installed enclosures.
- Do not subject to megger, high voltage or hi-pot test. Remove ground fault circuit breaker before hi-potting occurs on the circuit or system. (Ref. Sect. 550-12, NEC).
- Do not reverse Line and Load connections.

INSTALLATION PROCEDURE:

1. The GFCI Breaker should be installed by a qualified electrician.
2. Turn "OFF" and lock out the power to enclosure in which GFCI is to be installed.
3. Turn "OFF" the GFCI Breaker handle.
4. Feed wires connected to the Load(s) through the "Donut" and connect to Load Terminal(s) of the Breaker and the Load Neutral to the Panel neutral Bar (See Fig. A for wiring schemes).
5. Connect corresponding Hot wires directly to the Breaker Line Terminals.
6. Connect the white "pigtail" neutral wire of GFCI module to the panel Neutral Bar (see Fig. A).
7. Mount GFCI Breaker to front panel and mount front panel to enclosure.

8. Turn "ON" power and turn "ON" breaker handle. Test the GFCI as per test instructions below.
9. Place Monthly Test Reminder label in a convenient place near the or on the panel and instruct equipment users on test procedures and the importance of performing and recording monthly tests.

TEST INSTRUCTIONS:

1. Turn on the power to the panel.
2. Turn "ON" the GFCI breaker handle.
3. Depress the "TEST MONTHLY" button. This will cause the handle to move to the "OFF" position indicating that the GFCI is functioning properly. If the handle fails to move to the "OFF" position the unit **MUST** be replaced.
4. Restore power by moving the Breaker handle to the "ON" position.
5. This test is to be performed on a monthly basis and recorded on the "Monthly Test Reminder" label.

WHEN GFCI TRIPS:

The PB-Series GFCI breaker opens the circuit when there is an overload or ground fault condition. When tripping occurs perform the following steps:

1. Some faults are self-clearing. Try resetting the breaker once.
2. If breaker continues to trip, the device is performing its intended protection function, which means that a hazardous condition could exist. A qualified electrician should be called to evaluate the circuit.

FIG. A

