

## Quality Components Ensure Quality Products

Nowhere is **PG LIFELINK**'s commitment to quality, and above all safety, more evident than in the components that go into the manufacture of our Laser and X-ray Isolated Power Panels.

- The single phase, stacked core **Isolation Transformer** with electrostatic shield is designed for low leakage and quiet operation. The maximum leakage current is only 10 microamps for 5 kVA, 14 microamps for 7.5 kVA, 25 microamps for 10 kVA, 30 microamps for 15 kVA and 35 microamps for 25 kVA.

**Ratings available** — 5, 7 1/2, 10, 15 or 25 kVA

**Primary voltage** — 110, 120, 208, 220, 240, 277 or 480

**Secondary voltage** — 120, 208, 220 or 240

- The self-testing, self-calibrating **PG LIFELINK Mark V Line Isolation Monitor** offers continuous monitoring with non-switching circuitry, as well as low monitor hazard current of less than 15 microamps, a 5 milliamp alarm point and sensitivity to LIM "loss of ground". For more information, refer to the Line Isolation Monitor section.
- In accordance with code requirements, we use two-pole **Circuit Breakers**. The panel houses the primary main circuit breaker and up to twelve bolt on secondary breakers.
- The **Branch Signal Terminal Blocks** are supplied for the connection of remote signal conductors.
- The **Branch Power Terminals** are supplied for the connection of remote power conductors.
- The **Ground Bus** is used for connection of all internal and branch ground conductors.
- The **Branch Mercury Contactors** are used to control power for the remote circuits.

**NFPA-99 requires isolated power in flammable anesthesia and "wet locations" or any area where the interruption of power cannot be tolerated.**

**UL Listings — 1047 "Isolated Power Systems Equipment"  
1022 "Line Isolation Monitors"**

### Other Features

Each mercury contactor has its own branch breaker to protect its circuit. This gives you the option to mix amperage on the same system. Many hospitals have different models of lasers, 20, 30, 50 and 60 amp lasers are common. With selectable plug control in the **XTL**, you can operate more than one laser at any one time while saving the cost of two or more power supplies. The **XTL** system is field adjustable so you can make changes in the future.

### Advantages

- Capability to run up to four lasers at any one time
- Multi amperage branch breakers
- Remote control inside the operating room
- Eliminates accidental shutdowns
- Field adjustable