



Low-Profile Transformer Isolated Power Panel

6" deep back box up to 10 kVA

Big protection. Smaller footprint.

Bender Low-Profile Isolated Power Panels deliver full performance in a compact design, perfect for retrofit applications and shallower wall installations.

Each panel features an advanced Line Isolation Monitor (LIM) and is designed in strict compliance with NFPA 99, NFPA 70, CSA Z32, UL 1047, and UL 1022.

These panels deliver safe, reliable power for medical equipment used in patient care areas.

Standard Features

- Isolation transformer with corresponding main circuit breaker
- Reference ground bus
- Bolt-on style load center
- Includes 16, 2-pole 20A circuit breakers

Advanced Optional Features

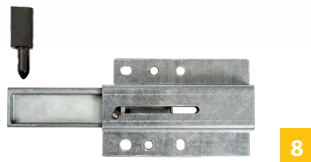
- Transformer load monitoring
- Automatic ground fault detection and branch circuit current monitoring
- Touch control panel system monitoring
- System gateway with integrated web server for status and settings; provides Modbus RTU and TCP gateway for BMS integration

Benefits

- **Reduces installation depth** with a 6" deep back box for space-limited facility
- **Minimizes cost, labor, and time** by eliminating the need for deeper wall framing
- **Simplifies retrofits and renovations** in existing healthcare facilities
- **Enables easier installation** and mounting due to more compact design
- **Provides audible and visual indication** of leakage current in wet procedure locations via the Bender LIM2010 Line Isolation Monitor (LIM)
- **Reduces shock risk and ensures system reliability** through continuous monitoring



Bender Low-Profile Isolated Power Panel



- 1** Isolation transformer
Hospital-grade low-profile isolation transformer
- 2** Line isolation monitor (LIM)
Measures the total hazard current (THC) in an isolated power system
- 3** Circuit breaker kit
Modular system allowing for easy future system upgrading; adjustable electronic trip options available for achieving 0.1s system coordination
- 4** System load monitoring*
STW series current transformer, measures the total load current of the isolated power system with alarms when reaching system capacity
- 5** Communication gateway*
Provides integrated web server for viewing status and changing settings; provides Modbus RTU and TCP gateway for BMS integration
- 6** Fault location system*
Locate ground faults quickly and automatically for individual branch circuits while the system remains energized (no opening breakers required)
- 7** Branch circuit load monitoring*
Monitors load current of each branch circuit; individually adjustable alarm levels available
- 8** Lift-off barrel hinge
Completely conceals hinge when closed, allowing for easy cleaning and prevention of small debris accumulation; mechanism allows the knuckle of the hinge system to easily slide in and out of backbox

* Optional add-on features