



**Simple Solutions.**

## **Ground Fault Protection of Equipment made easy**

**A remarkably simple, fast, and cost-effective way  
to achieve NEC ground fault protection compliance.**

If you own commercial or industrial property, you probably know that building codes now require 30mA ground fault equipment protection for:

- Pipe Tracing
- Snow Melting
- certain marine applications.

**A GFPE panel is simple, quick and affordable.**

Replacing or rebuilding a Power Distribution Panel (PDP) is time consuming and costly; and it won't provide monitoring. And GFPE circuit breakers are typically specific to the panel board you're using.

A Delta-Therm GFPE panel is a quick, reliable source for 120-480 VAC GFPE protection because it functions in-line with branch circuits. It isolates each circuit so that the whole system is not lost if one circuit goes into ground fault.

Since rebuilding the PDP is unnecessary, there are fewer hours of electrical installation too. Branch circuits are brought to the GFPE panel where each circuit is wired to a terminal block. The power relay or contactor that is providing power to the load will be disabled in the event of ground fault.

**This GFPE solution uses electrical control space wisely.**

Because the GFPE panel operates in tandem with existing distribution, enclosure sizes are compact to save space. The GFPE panel can be positioned near the power distribution panel with its own ground fault protection. Depending on the location, the panel can be specified with a NEMA 1, 4 or 4X enclosure.



Enclosure Dimensions start at 16" x 16" x 7"



LED Indicators are located on the panel door

**Delta-Therm Power Control Panel with GFPE is available with any number of circuits. (2-circuit shown)**

### **The GFPE panel is easy to monitor and maintain.**

The GFPE panel features 3 external indicator lights (Power Feed, System Active, Ground Fault Alarm) that can be easily monitored, and 1 internal indicator light (which identifies the circuit in ground fault). Even in large spaces, a monitor light can alert any crew member to a problem so an electrician can be notified quickly. If remote monitoring is required, dry alarm contacts are included to provide the ability to activate a remote alarm light or horn. You can also connect it to a building management system or laptop.

Contractors appreciate how easy the GFPE panel is to install, monitor and diagnose, and how it saves time resolving an issue. When a circuit goes into ground fault, an indicator light inside the panel tells the electrician exactly which circuit is in ground fault.

The Delta-Therm GFPE Panel is a Single Point device; all circuits activate from a single control. It offers:

- Standard 2,4,6,8, and 12 circuit models (Custom configurations available)
- 30 mA Ground Fault protection per circuit
- 30 Amp circuit power switching (50 Am circuit power switching is available)
- Choice of 120V, 208V, 240V, 277V and 480V circuits
- Choice of NEMA 1, 4 and 4X enclosures
- LED indicator lights on enclosure door
- Indicator light inside to identify the circuit in Ground Fault
- Dry Ground Fault alarm contacts
- Availability of standard 30 Amp panels (generally same or next day). 40 and 50 Amp panels have a longer lead time.

## **The GFPE Panel has a proven record of results and savings.**

The Delta-Therm Power Switching Panel with GFPE consistently delivers substantial cost-savings over rebuilding the PDP. If you're bumping up against a deadline for more electrical equipment or systems, but trying to keep costs down, the GFPE panel could be exactly what you're looking for.

### **About Delta-Therm**

Located in Crystal Lake, Illinois, Delta-Therm Corp. has been engineering simple, effective heat trace solutions for complex commercial applications since 1968. What started with a patented snow melt assembly has grown to include commercial and industrial Snow Melting, Roof Deicing, Pipe Freeze Protection, Process Temperature Maintenance, Data Center Freeze Protection, Permafrost Prevention, Zoo Den Heating, and Floor Warming heat trace cables, controls and power control panels. (800) 526-7887. [www.delta-therm.com](http://www.delta-therm.com).